Annotated Bibliography of Coastal Zone Management Work Products

A compilation of State, Territory, and Federal work products produced with funding from the Coastal Zone Management Act of 1972, as amended.

Office of Ocean and Coastal Resource Management
National Oceanic and Atmospheric Administration

March 1983

U.S. DEPARTMENT OF COMMERCE NOAA
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Z 7164 R33 A598 1983 c.2
APR 11 1997

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INTRODUCTION

The Coastal Zone Management Act (CZMA) of 1972, as amended, provided grants to States and Territories to develop and implement coastal management plans. During their activities, coastal programs have produced over 2500 work products on all aspects of the planning process. The Office of Coastal Zone Management (OCZM) -- now the Office of Ocean and Coastal Resource Management -- in the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) has published numerous other documents. These work products, funded through the CZMA, represent a substantial amount of invaluable information and experience of use to all professionals and students of the coastal region.

This annotated bibliography represents a third edition selection of work products published since September 1979, as well as selected annotations from the first and second bibliographies. This new edition also has an index by keywords to help the user locate information in any State or Territory, or by subject.

METHODOLOGY

This bibliography includes selected coastal program products thought to be the best efforts of the participating States. Among those work products not represented are some draft reports, white papers, and grant applications.

This bibliography was completed following a search of work products in the Coastal Zone Information Center and the Regional Program Managers' files. Annotations were prepared directly from the work products or from direct input from the respective Regional Program Manager.

In an effort to verify each annotation and to ensure a thorough inclusion of all relevant work products, a copy of the draft bibliography was forwarded to each State or Territory for local review. All responses received were included in this final product.

FORMAT AND USERS' GUIDE

This annotated bibliography is designed to:

1) provide an accurate and concise annotation of each document;

2) provide a subject index by keywords; and

3) provide accurate information to enable the reader to locate or obtain the document.

Annotations are listed chronologically within each State or Territory and OCZM. States and Territories are in turn listed alphabetically with OCZM listed last. Those citations which did not indicate a date of publication are entered at the end of the respective state. Citations with multiple dates are listed as the latest publication date.

All bibliographic entries are presented in the same basic format as follows:

- Sponsor or Issuing Agency. This is usually the State Coastal Zone Management Agency.

- Document Title. Personal or Group Authors. (note: If the personal or group authors are not given, they may be assumed to be the same as the Sponsoring or Issuing Agency.) City and State of Sponsor or Issuing Agency. Date. Pagination, Maps, etc. Those entries containing the acronym (CZIC) at the end of the bibliographic paragraph of each entry signify that the document is on file and catalogued in the Coastal Zone Information Center.

- Annotations. Presents a brief objective description of the information content.

- Keywords. Identify subject topics discussed in or relevant to the document.

The keywords are listed below the annotation in capital letters and are designed to facilitate rapid scanning of the bibliography for specific subject areas. A complete list of keywords used in this bibliography appears in Appendix A. Appendix B provides the keyword index. This index enables the user to find all references that are relevant to a particular subject.

The most efficient method for using this bibliography is for the user to: 1) Scan Appendix A to find all keywords pertinent to the topic of interest (the more keywords used, the more thorough the search); 2) Turn to Appendix B under the relevant keywords found from Appendix A; 3) Note all citation numbers listed for the relevant keywords (this can be done by State if desired); 4) Look up each citation and read the annotation to determine if the work product is desired.

The status of the State and Territory Coastal Programs is listed in Appendix C. Some States do not yet have federally approved Programs as noted in Appendix C. Appendix D lists the State Program Managers and Coastal Energy Impact Program Managers for each State and Territory.

01-001 Alabama. Development Office. Coastal Area Program.

Alabama's Coastal Area. Mississippi-Alabama Sea Grant Consortium Montgomery, AL. Brochure, Photos. September 1974.

Presents a public information brief describing basic facts about Alabama's coastal zone management program, its history and its goals.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION; GOALS/OBJECTIVES

01-002 Mississippi-Alabama Sea Grant Consortium.

Proceedings of the Alabama Coastal Leaders Conference on Coastal Zone Management. April 30, 1975. Mobile, Alabama. Sponsored for the Alabama Development Office, Alabama Coastal Area Board. MASGP-75-012. Gulf Shores, AL. 71 pp. April 1975. (CZIC)

Various authorities present regional, state, federal and local perspectives of Coastal Zone Management.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT; ISSUES/PROBLEMS

01-003 Alabama. Department of Conservation and Natural Resources.

Fishes, Birds and Mammals of the Coastal Area of Alabama. Montgomery, AL. 57 pp. June 1975. (CZIC)

Lists the biota found in two coastal counties of Alabama and briefly describes their habitats, importance to man, and the effects of man's activities on their distributions.

WILDLIFE; MARINE BIOLOGY; COASTAL INVENTORIES

01-004 Alabama. Development Office. Coastal Area Program.

Hydrology of a Proposed Refinery Site Near Grand Bay, Alabama. Kidd, R. E., et al. Montgomery, AL. Maps. Multi-pp. September 1975. (CZIC)

Establishes a baseline of hydrologic data in south Mobile County so that timely and adequate procedures for the orderly development of the area's water resources can be formulated with a practical management program. Plans for the area include an offshore port, oil pipeline, and an oil refinery.

COASTAL WATERS; INDUSTRY; PETROLEUM INDUSTRY; ENERGY FACILITY SITING

01-005 Alabama. Development Office.

Delineation of Ecological Critical Areas in the Alabama Coastal Zone. Vittor, B. A. and J. P. Stout. Montgomery, AL. 32 pp. December 1975.

Presents results of remote sensing survey of coastal habitats such as beaches and sand dunes, salt flats, swamps, and agricultural area. Dominant species identified from the aerial photos are listed for each district.

REMOTE SENSING; COASTAL INVENTORIES; CRITICAL AREAS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; WETLANDS; BEACHES/DUNES; AGRICULTURE; COASTAL RESOURCES

01-006 Alabama. Geological Survey.

A Bibliography of Coastal Alabama with Selected Annotations. Lipp, R. L. and R. L. Chermock. University of Alabama Bulletin 108. 96 pp. 1975. (CZIC)

Presents a bibliography of coastal Alabama with over 900 citations many of which are annotated. A cross reference index with nine subjects including Biology, Geology, Oceanography, Pollution, Planning, Geology, Hydrology, Meteorology, and miscellaneous subjects is presented.

BIBLIOGRAPHY; GEOLOGY; MARINE BIOLOGY; POLLUTION; COASTAL WATERS; CLIMATE/ WEATHER

01-007 Alabama. Mississippi Alabama Sea Grant Consortium.

Proceedings of Alabama Public Meeting Series on Coastal Zone Boundaries. November-December, 1975. Sponsored by Alabama Development Office and the Alabama Coastal Area Board. MASGP-76-011. Ocean Springs, MS. 128 pp. March, 1976. (CZIC)

Presents the proceedings of five meetings held in November and December of 1975 for the purpose of soliciting public input into the definition of Alabama's coastal zone boundary.

BOUNDARIES; PUBLIC PARTICIPATION; CONFERENCES/WORKSHOPS; PROGRAM DEVELOPMENT

01-008 Alabama Development Office. Coastal Area Program.

Agency Identification and Coordination Alabama Coastal Area Management Program. Montgomery, AL. 192 pp. June, 1976. (CZIC)

Presents the revision of an earlier preliminary report and includes the results of the first and second year's effort toward a three year work program on agency identification and coordination. Identifies state, Federal, and local governmental agencies, their activities that impact on the state's coastal zone, and contacts with each.

01-008 Alabama Development Office. Coastal Area Program. (continued)

STATE-STRUCTURE; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

01-009 Alabama. Development Office.

Coastal Fisheries Resources of Alabama. Unique Report No. Ala-ADO-X996-CZMP-10. Alabama Department of Conservation and Natural Resources. Montgomery, AL. 47 pp. July, 1976.

Data are presented on the Alabama coastal commercial and recreational fisheries catch, additional yield of certain fisheries stocks, and factors affecting coastal fisheries resources.

FISH/FISHERIES; BIBLIOGRAPHY; LIVING MARINE RESOURCES; COASTAL INVENTORIES

01-010 Alabama. State Planning Division, Office of the Governor, Alabama Development Office.

Shoreline and Bathymetric Changes in the Coastal Area of Alabama - A Remote Sensing Approach. Hardin, J. D., Sapp, D. C., Emplaincourt, J. L. and K. E. Richter. 125 pp. July 1976. (CZIC)

Documents the direction and magnitude of the movement and changes of nearshore bottoms of the Alabama coastline. Topics of discussion include: physical environment, bathymetry, processes causing shoreline and bathymetric changes, detailed assessment of shoreline changes, land/water interface analysis and conclusions and recommendations. Numerous illustrations and tables included. Techniques used include multi-spectral LANDSAT-1 imagery, space photography, high and low altitude infrared photography, black and white aerial photography and thermal infrared imagery.

REMOTE SENSING

01-011 Alabama. Offices of the Geological Survey, Development Office, Coastal Area Board.

Alabama Coastal Marsh Inventory. Report No. Ala-ADO-X996-CZMP-11. Geological Survey of Alabama. Montgomery, AL. Oversize Atlas. August, 1976 (CZIC)

Series of large-scale maps depicting the coastal marsh vegetation species of Alabama including: Mississippi Sound area east of Mississippi State boundary; the offshore islands; eastern and western shores of Mobile; Morgan Peninsula; the Gulf Shore; and parts of Perdido Bay and several lesser bays. Approximate positions of mean high water lines and inland marsh boundaries also included. First five pages cover general introduction, methodology, description of coastal marshes and a bibliography. Tables listing general characteristics and occurrence of Alabama coastal marshes and special features of marshes and several illustrations are included.

01-011 Alabama. Offices of the Geological Survey, Development Office, Coastal Area Board. (continued)

ATLASES; MAPS/MAPPING; VEGETATION; WETLANDS; NATURAL RESOURCES; BIBLIOGRAPHY

01-012 Alabama. Development Office and Coastal Area Board.

Monetary Values of Alabama Coastal Marshes: An Interim Report. Marine Environmental Sciences Consortium. 96 pp. August 1976.

Report on year 1 of a 2 year study of the productivity and monetary value of Alabama's coastal marshlands. Discussed are floral and faunal studies of selected brackish marshes, including mapping of vegetation by species and vegetation analysis, and faunal studies of creek fauna, epibenthic marsh fauna, and insects. Also discussed is the metabolic activity of a salt marsh as determined by oxygen consumption of sediment surface, anaerobic activity of the sediment, metabolism of below-ground plant biomass, adenosine phosphates, redox potential of the sediment, total reduced substances, sediment analyses, and total metabolism.

ECONOMICS; PERMISSIBLE USES; CRITICAL AREAS; ESTUARIES; MARINE BIOLOGY; SUBMERGED LANDS; WETLANDS

01-013 Alabama. Development Office and Coastal Area Board.

Alabama Coastal Area, 10-Foot Contour Delineation. Geological Survey of Alabama. Maps (oversize). December, 1976.

The Coastal Area boundary has been delineated on 30 standard 7 1/2 and 15 minute series USGS quadrangle maps which cover the Coastal Area.

BOUNDARIES; COASTAL AREA; MAPS/MAPPING

01-014 Alabama. Development Office. Coastal Area Program.

Coastal Alabama: Planning for the Future. Mississippi-Alabama Sea Grant Consortium. Ocean Springs, MS, Montgomery, AL. Pamphlet. 1976.

Presents a public information brief describing basic facts about Alabama's coastal zone management program, its history and its goals.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION; GOALS/OBJECTIVES

01-015 Alabama. Geological Survey.

An Environmental, Geologic, and Hydrologic Study of South Mobile County, Alabama. Chermock, R. L., Moser, P. and M. Mettee. Montgomery, AL. 405 pp. 1976.

01-015 Alabama. Geological Survey. (continued)

Presents a synthesis of environmental data on south Mobile County that can be used as a source of baseline data. Sections review geology and topography, soils, meteorology, water resources, offshore bathymetry, offshore hydrology, land use, plant life, animal life, endangered species, demography, transportation facilities, communications and energy availability.

COASTAL RESOURCES; WETLANDS; GEOLOGY; CLIMATE/WEATHER; WATER RESOURCES; TRANSPORTATION; LAND/WATER USE; WILDLIFE; ENERGY; COASTAL WATERS

01-016 Alabama. Development Office.

A Map of the Coastal Area of Alabama. Mississippi-Alabama Sea Grant Consortium. Oversize Map. January, 1977.

Map of Mobile and Baldwin Counties showing the boundary of Alabama's Coastal Area. Reverse of map provides a brief description of Alabama's Coastal Area, describes boundary as defined by Alabama Coastal Act 534, describes the Coastal Area Board Program and describes the composition of the Coastal Area Board and Coastal Area Advisory Committee.

BOUNDARIES; MAPS/MAPPING; STATE-LOCAL COORDINATION

01-017 Alabama. Coastal Area Board.

The Alabama Coastal Area Management Program: A Balanced Approach to Economic Development and Natural Resources. Hearing Draft. Alabama Coastal Area Board. Daphne, AL. Multi pp. February, 1979. (CZIC)

Examines Alabama's coastal issues as they relate to natural resources and state policies and management programs. Coastal issues covered include: port development, urban development, energy, water and air quality, solid waste, recreation, public access, hazard management and commercial fishing. Issues are discussed relating to beaches, dunes, wetlands, oyster reefs, wildlife, water resources and cultural resources. Policies are very briefly covered with greater emphasis on the coastal area management program, operational rules and regulations, natural resource rules and regulations and administrative regulations. Description of coastal areas, existing legal authorities and others are listed in Appendices.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ECONOMICS; ISSUES/PROBLEMS; COASTAL RESOURCES

01-018 Alabama. U.S. National Oceanic and Atmospheric Administration; Office of Coastal Zone Management (OCZM).

The Alabama Coastal Area Management Program and Final Environmental Impact Statement. OCZM and Alabama Coastal Area Board. Washington, D.C. and Daphne, Alabama. 411 pp. Appendices. August 1979.

This document presents Alabama's Coastal Area Management Program, final environmental impact statement, and appendices which include comments regarding the DEIS and CAB responses. Discussed are purposes and need, executive summary, coastal resource use issues, natural resource issues, policies, operational rules and regulations, action items, elements of the program, boundary management authority, uses subject to management, SMA's review procedure, monitoring and enforcement, administrative and operation rules and regulations, alternatives, affected environment, environmental consequences, Act 534, existing state legal authorities, CAB and CAAC members, special planning elements, program elements, bibliography, definitions, and comments and responses.

PROGRAM DESCRIPTION; PLANNING/ MANAGEMENT; LAWS AND LEGISLATION; ISSUES/ PROBLEMS; COASTAL RESOURCES

01-019 Alabama. Coastal Area Board.

The Sediments of Mobile Bay. Isphording, W. C. and G. M. Lamb. 23 pp. November 1979.

Discusses sedimentation distribution by size and presence of clay minerals.

ATLASES; MAPS/MAPPING; SUBMERGED LANDS

01-020 Alabama. Alabama Marine Environmental Sciences Consortium.

Alabama Coastal Zone Ecology and Water Quality Data Information Sources. GURC Report No. 170. 247 pp. Appendices. December 1979. (CZIC)

Presents existing water quality and ecology data for the Alabama coastal zone published in journals, dissertations and conference proceedings. Also covered are raw data bases.

COASTAL INVENTORIES; INFORMATION SYSTEMS; WATER QUALITY; ESTUARIES; WETLANDS

01-021 Alabama. Alabama Marine Environmental Sciences Consortium.

Alabama Coastal Zone Ecology and Water Quality Data Information Sources. Existing Benthic Data Evaluation. Multi-pp. December 1979. (CZIC)

A summary and evaluation of benthic data references. Discusses the existing data and information found in a literature search and evaluates these

01-021 Alabama. Alabama Marine Environmental Sciences Consortium. (continued)

data.

COASTAL INVENTORIES; ESTUARIES; INFORMATION SYSTEMS

01-022 Alabama. Alabama Coastal Area Board.

Building in the Coastal Counties: A Guide to the Permitting Process with Special Emphasis on the Coastal Area. 2nd. Edition. 27 pp. February 1980. (CZIC)

A booklet for interested citizens that provides general information about the permitting process for the more common activities in the Alabama coastal zone.

PERMITS/PERMITTING; DEVELOPMENMT; LAND/WATER USE; PLANNING/MANAGEMENT

01-023 Alabama. Alabama Coastal Board.

Inventory of Alabama's Coastal Resources and Uses. 169 pp. September 1980. (CZIC)

Provides a description of coastal zone biophysical and socioeconomic setting, the range of uses of coastal resources and detailed discussion of the natural resources in the coastal zone.

LAND/WATER USE; COASTAL INVENTORIES; SOCIOECONOMICS

01-024 Alabama. Coastal Area Board.

The Sediments of Eastern Mississippi Sound. Isphording, W. C. and G. M. Lamb. 16 pp. September 1980.

Presents a discussion and map of the sediment distribution in Eastern Mississippi Sound according to size of sediments and the various clay minerals included in the sediments.

ATLASES; MAPS/MAPPING; SUBMERGED LANDS

01-025 Alabama. Coastal Area Board.

Chemical Quality of Bottom Sediments from Mobile Bay, AL. Malatino, A. M. Geological Survey of Alabama. University, Alabama. 22 pp. September 1980.

Presents a discussion of the concentration and spatial trends of selected chemical constituents (metals, nutrients, organics and pesticides) in the Mobile Bay sediments.

01-025 Alabama. Coastal Area Board. (continued)

SUBMERGED LANDS

01-026 Alabama. Coastal Area Board.

Geologic Features and Erosion Control in the Alabama Gulf Coastal Area. Smith, W. E. Geological Survey of Alabama. 57 pp. September 1980.

Presented as a guidebook, this publication focuses primarily on physical aspects of the coast; the geologic and morphologic features and the processes that form and modify them. General information is presented relating to erosion and erosion control.

GEOLOGY; GEOLOGICAL HAZARDS AREA; EROSION/SEDIMENTATION

01-027 Alabama. Coastal Area Board, Marine Environmental Sciences Consortium.

Wetland Habitats of the Alabama Coastal Zone. Stout, J. P. Coastal Area Board. Daphne, AL. Oversize Atlas. March 1981.

Series of large scale maps depicting the submerged grass beds, swamps, and bogs in coastal Alabama.

ATLASES; MAPS/MAPPING; VEGETATION; WETLANDS; BIBLIOGRAPHY

01-028 Alabama. Alabama Coastal Area Board.

Baldwin County Emergency Management Plan. Multi pp. April, 1981. (CZIC)

Plan provides a framework for the county, its agencies, departments, offices and municipalities to plan and perform their respective disaster and emergency functions.

NATURAL HAZARDS; PLANNING/MANAGEMENT; HURRICANES

01-029 Alabama. Alabama Coastal Area Board (Coastal Energy Impact Program).

Energy Related Industrial Development. Summary Report: Brookley Industrial Complex and Report. 46 pp. June, 1981. (CZIC)

Analyzes existing utilization and potential development opportunities in the complex as they relate to the energy industry. Provides socioeconomic background of existing industry future use plans. Provides a plan for continued development by energy related industry.

INDUSTRY/COMMERCE; ENERGY FACILITY SITING; PORTS/WATERFRONTS; ENERGY; ENERGY TRANSPORTATION/STORAGE; SOCIOECONOMICS; DEVELOPMENT

01-030 Alabama. Alabama Coastal Area Board.

Building in the Coastal Counties: A Guide to the Permitting Process with Special Emphasis on the Coastal Area. 3rd. Edition. 32 pp. July 1981. (CZIC)

Provides general information on the permitting process for some of the more common activities, e.g., home construction, subdivision, industrial and energy related facilities, docks or marinas, and public facilities. Decribes necessary steps and time necessary to obtain permits, contacts, and fees.

DEVELOPMENT; PERMITS/PERMITTING

02-001 Alaska. Department of Environmental Conservation. Division of Water Programs.

Tourism in Alaska's Coastal Zone: An Economic Study. McDowell, D. E. Juneau, AK. Tables. 180 pp. October 1975. (CZIC)

Evaluates tourism data from Alaska's coastal zone. Considers tourism's economic effects and methods for generating related economic information.

RECREATION/TOURISM; ECONOMICS; COASTAL INVENTORIES; INDUSTRY/COMMERCE; STATISTICS

02-002 Alaska. Department of Environmental Conservation.

Marine Facilites Coastal Inventory. Juneau, AK. Multi-pp. Computer Printout. 42 Map Overlays. November 1975.

Presents an inventory of port and harbor facilities and their use along the coast. Text includes methodology and definitions.

PORTS/WATERFRONTS; COASTAL INVENTORIES; MARINAS

02-003 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Management Program.

Supply Boat and Port Facility Scenario: OCS Sale No. 39 - Northern Gulf of Alaska. Division of Community Planning. Juneau, AK. 20 pp. December 1975.

Presents a model which attempts to predict various levels of supply boat activities and port facility needs related to Gulf of Alaska OCS development. Estimates are arranged into 1) exploration phase, 2) installation of permanent platforms, 3) production platform phase and 4) pipe laying and burying activity.

OCS; PORTS/WATERFRONTS; PETROLEUM INDUSTRY; SHIPPING; ENERGY

02-004 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Alaska Coastal Community Profiles. Homan Associates. Juneau, AK. 54 pp. 900 pp. of Data Sheets. 1975.

Inventories existing conditions and facilities in 145 communities. Includes statistics on population, climate, local government, and data on facilities for education, health, housing, recreation, transportation, communications and utilities.

SOCIOECONOMICS; POPULATION; STATISTICS; COASTAL INVENTORIES; RECREATION/

02-004 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program. (continued)

TOURISM; TRANSPORTATION; HOUSING;

02-005 Alaska. Department of Fish and Game.

The Coastal Zone from Icy Bay to Cape Suckling. Alaska Department of Fish and Game - Coastal Habitat Protection. Anchorage, AK. 29 pp. Maps. 1975. (CZIC)

Defines environmental and ecological processes delineating the coastal zone between Icy Bay and Cape Suckling with emphasis on defining the importance of each aspect of the coastal zone, describing environmental conditions and the environmental and biological relationships that exist there as well as defining and stressing the most important aspects of the coastal zone. Major topics covered include marine geomorphology, chemical and physical aspects, marine vegetation, marine invertebrates, marine mammals, fish, terrestrial vegetation, geomorphology, mammals, etc.

AESTHETICS; COASTAL RESOURCES; COASTAL WATERS; LIVING MARINE RESOURCES; VEGETATION; WETLANDS; WILDLIFE

02-006 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Energy, Minerals, and Extraction Inventory. Alaska Department of Natural Resources. Division of Geological and Geophysical Surveys. Juneau, AK. 49 pp. Maps. 1975.

Identifies locations of energy and mineral resources presently known to exist along the Gulf of Alaska coast. Included are areas with construction-related resources and regions with low, moderate, and high resource potential. Narrative portrays past, present, and probable resource development.

MARINE MINING; COASTAL INVENTORIES; MAPS/MAPPING; DEVELOPMENT

02-007 Alaska. Department of Fish and Game. Habitat Protection Section.

Environmental Ecological Boundaries of the Coast. Anchorage, AK. Maps. 1975.

Delineates coastal areas within which physical and biological processes directly interact and influence the land and sea environments, including areas of high natural vulnerability. Also identifies natural processes within which man must plan for resource uses.

BOUNDARIES; COASTAL RESOURCES; LAND/WATER USE

02-008 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Exploring Offshore Oil: A Scottish Economist Views Onshore Impacts for Alaskan Communities: An Interview with Niall Trimblle. Juneau, AK. 6 pp. 1975. (CZIC)

Presents the text of an interview with an economist from the University of Aberdeen in Scotland in which he discusses his impression of Alaska's OCS onshore oil and gas related development (shortly after the first Federal offshore leases in the Gulf of Alaska) based on his familiarity with the North Sea oil development. Topics discussed include employment impacts; national, state, and local government roles; and impacts on the fishing industry.

ENERGY FACILITY SITING; PETROLEUM INDUSTRY; SOCIOECONOMICS; FISH/FISHERIES; OCS; STATE-LOCAL COORDINATION

02-009 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

A Fish and Wildlife Resource Inventory of the Northeast Gulf of Alaska. Alaska Department of Fish and Game. Juneau, AK. Volume 1: 411 pp. Maps. Volume 2: 757 pp. Maps. 1975.

Provides an inventory of fish and wildife resources for the Northeast Gulf of Alaska with information on abundance, distribution, habitat requirement and migration. Critical habitat areas are identified. For finfish and shellfish important to fisheries, information is provided on life histories, distribution/abundance, and commercial and recreational use patterns.

FISH/FISHERIES; WILDLIFE; COASTAL INVENTORIES; COASTAL RESOURCES; MARINE BIOLOGY

02-010 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

An Inventory of Existing Land Management Tools in Alaska. Center for Natural Areas. Juneau, AK. 195 pp. 1975.

Defines and delineated Alaska's land management program in light of the requirements of the Federal Coastal Zone Management Act. The methodology developed for this purpose enables consideration of Coastal Zone Management-related state statutes and their primary purpose, the land area involved, impact on coastal areas, management tools employed, existing regulations and guidelines, existing judicial interpretation, responsible agencies, level of governmental coordination, funding mechanism and public participation. Matrices are also developed to indicate those state statues which could be applicable to fulfilling specific Coastal Zone Management Act requirements.

02-010 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Managment Program. (continued)

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; LAWS AND LEGISLATION; PLANNING/MANAGEMENT; BOUNDARIES; PERMISSIBLE USES; CRITICAL AREAS; LAND/WATER USE; FACILITY SITING; COASTAL INVENTORIES

02-011 Alaska. Office of Coastal Management.

Kachemak Bay: A Problem of Progress. Alaska Office Coastal Management. Film. 1975.

A narrative film about the uses of Alaska's resource-rich coastline and development pressures and conflicts which must be resolved.

DEVELOPMENT; CONFLICTING USES

02-012 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Kadyak: A Background for Living. Arctic Environmental Information and Data Center. University of Alaska. Juneau, AK. Maps. 325 pp. 1975. (CZIC)

Presents an interpretive description of the land and sea environment of the Kodiak Island Area and opportunities and limitations for human utilization of resources. Chapters review structural geology, natural hazards, and resource utilization.

COASTAL INVENTORIES; LAND/WATER USE; MARINE BIOLOGY; COASTAL RESOURCES: NATURAL HAZARDS; GEOLOGY

02-013 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Recreation and Heritage Resources of the Alaska Coastline. Alaska Department of Natural Resources. Division of Parks. Juneau, AK. Multi-pp. Maps. Oversize. 1975.

Inventories recreation resources along Alaska's coast. The list includes existing facilities (e.g., cabins, trails, marinas, picnic areas, etc.); existing and proposed parks, refuges and forests; significant scenic primitive and wildlife resources and geologic features; and designated archaeologic and historic sites.

RECREATION/TOURISM; CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES; WILDLIFE; AESTHETICS; COASTAL RESOURCES; GEOLOGY

02-014 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

State Land Use Mechanisms for the Coastal Zone. Center for Natural Areas. Juneau, Alaska. 41 pp. 1975.

Identifies and assesses existing management tools in Alaska which provide support for the guiding of activites in the coastal zone. Major sections of the paper consider state constitutional mandates, legislative limitations on the use of state lands, management and disposal of state lands, state policy powers and local zoning powers.

DEVELOPMENT; LAWS AND LEGISLATION; PERMITS/PERMITTING; PLANNING/MANAGEMENT; LAND/WATER USE; ZONING

02-015 Alaska. Office of Coastal Zone Management.

Social Impact of the Trans-Alaska Pipeline Construction in Valdez, Alaska, 1974-1975. Gould, M. B. and M. E. Bennett. Institute of Social and Economic Research, University of Alaska. Multi-pp. 1975.

Analysis of social impact of petroleum-related industrial development upon the port of Valdez (terminus of Trans-Alaska Pipeline, Gulf of Alaska). A continuing project begun in April 1974.

DEVELOPMENT; INDUSTRY/COMMERCE; PETROLEUM INDUSTRY; SOCIOECONOMICS

02-016 Alaska. Office of Coastal Management.

Uncertain Summer. Alaska Office of Coastal Management. Film. 1975.

A documentary film on the reactions of Alaskans to the Northeast Gulf of Alaska lease sales.

DEVELOPMENT; ISSUES/PROBLEMS; REGIONAL IMPACT; LAND/WATER USE

02-017 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

Valdez Research Project Report: First Two Years of Impact. Gould, M. B., Bennett, M. E. and R. Heasley. Juneau, AK. 50 pp. 1975.

Examines the social impact of oil and gas related development activities at this port located at the terminus of the Alaskan pipeline. Sections describe the methodology used in the study, the results of surveys taken in 1974 and 1975, and major social problems that have occurred.

SOCIOECONOMICS; PETROLEUM INDUSTRY; PORTS/WATERFRONTS; DEVELOPMENT

02-018 Alaska. Department of Community And Regional Affairs. Division of Community Planning.

Marine Service Bases for Offshore Oil Development. Alaska Consultants, Inc. Juneau, AK. 87 pp. July 1976. (CZIC)

Describes the marine service bases in operation and the future of these bases. Includes: phases of offshore oil production, historical evolution of service bases, operation of bases, tangible requirements for location, intangible factors involved, materials and service requirements, service base facilities and land and labor requirements.

COASTAL RESOURCES; DEVELOPMENT; PERMISSIBLE USES; ENERGY FACILITY SITING; OCS; PETROLEUM INDUSTRY

02-019 Alaska. Department of Community and Regional Affairs. Division of Community Planning.

Management of OCS-Related Industrial Development: A Guide for Alaskan Coastal Communities. David M. Dornbush, Inc. San Francisco, CA. Multi-pp. December 1976. (CZIC).

Provides information on the types of onshore support facilities that will be required in the future, the implications of onshore development for Alaskan communities, and the role of the state government in policy-making and management decisions. Part I covers OCS-related industrial development; Part II covers management tools and Part III covers the application of management tools to special objectives. Bibliography included.

DEVELOPMENT; PLANNING/MANAGEMENT; PERMISSIBLE USES; FACILTIY SITING; NATIVE AMERICANS; OCS; INDUSTRY/COMMERCE

02-020 Alaska. Department of Natural Resources

An Analysis of Future Petroleum Development on the Alaskan Outer Continental Shelf, Kodiak Area. Division of Geological and Geophysical Surveys, Alaska Department of Natural Resources. O'Connor, F. R. and P. L Dobey. Anchorage, AK. 23 pp. 1976.

Analytical model of impact upon the Kodiak area from OCS development. An estimation of offshore exploration and development.

COASTAL RESOURCES; INDUSTRY/COMMERCE; FACILITY SITING; PETROLEUM INDUSTRY; DEVELOPMENT

02-021 Alaska. Department of Natural Resources

An Analysis of Future Petroelum Development of the Alaskan Outer Continental Shelf, Lower Cook Inlet of Alaska. Cole, E. L. 11 pp. 1976.

02-021 Alaska. Department of Natural Resources (continued)

Analytical model of impact upon the Lower Cook Inlet area from OCS development and estimation of offshore exploration and development.

COASTAL RESOURCES; INDUSTRY/COMMERCE; FACILITY SITING; PETROLEUM INDUSTRY; DEVELOPMENT

02-022 Alaska. Department of Environmental Conservation. Division of Water Programs and Environmental Analysis Section.

Coastal Processes, Terrain and Hazards. Volume 1. Multi-pp. 1976.

Preliminary compilation of information on coastal flooding tides and surface currents, coastal erosion, prevailing winds, volcanic hazards, littoral transport, permafrost, earthquake risk, and catastrophic waves for use in a comprehensive state program for reviewing permit applications and major proposals for use of coastal lands and waters.

FLOODS/FLOODING; EROSION/SEDIMENTATION; GEOLOGY; PERMITS/PERMITTING; LAND/WATER USE; NATURAL HAZARDS; SUBMERGED LANDS

02-023 Alaska. Department of Natural Resources.

Coastal Recreation Resources: West Kenai Peninsula, Alaska. Meiners, A. H. Alaska Coastal Management Program. Anchorage, AK. 198 pp. 1976.

Recreation assessment, including inventory, of present and future demands, identifying specific areas and boundaries necessary to protect area's coastal recreation, scenic, and historic resources. Study of the land base upon which recreation does or might occur.

RECREATION/TOURISM; COASTAL INVENTORIES; COASTAL RESOURCES; CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; AESTHETICS; LAND/WATER USE

02-024 Alaska. Department of Community and Regional Affairs. Division of Community Planning.

Concepts of Major Energy Facility Planning Legislation. Alaska Coastal Management Program. 56 pp. 1976.

Informational guide for designing legislation for energy facility siting.

ENERGY FACILITY SITING; ENERGY LAWS AND LEGISLATION

02-025 Alaska. Department of Environmental Conservation. Division of Water Programs and Environmental Analysis Section.

An Environmental Assessment of Lower Cook Inlet for Outer Continental Shelf and Related Development. Alaska Coastal Management Program. 161 pp. Appendix. 1976.

A regional overview and site-specific analysis of environmental conditions and present human uses of Lower Cook Inlet.

SOCIOECONOMICS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; LAND/WATER USE

02-026 Alaska. Office of Coastal Management.

The Federal Role in Alaska's Coastal Management Program. Center for Natural Areas. Multi-pp. 2 Volumes. 1976.

Assessment of the potential impact of federal policies and programs upon the formulation and eventual implementation of Alaska's coastal management plan.

FEDERAL AGENCIES; PLANNING/MANAGEMENT; FEDERAL CONSISTENCY

02-027 Alaska. Office of the Governor. Division of Policy Development and Planning. Coastal Zone Management Program.

A Fish and Wildlife Inventory of the Cook Inlet - Kodiak Areas. Volumes I and II. Volume I: Klinhart, K. G., et. al.; Volume II: McLean, R. F., et. al. Multi-pp. 1976. (CZIC)

Volume I covers wildlife of Cook Inlet - Kodiak Area including: bear, caribou, reindeer, deer, elk, moose, sheep, small game, marine mammals, waterfowl, and endangered species. Volume II covers fisheries including finfish, crustaceans and molluscs. Both Volumes include numerous tables and figures.

COASTAL INVENTORIES; COASTAL RESOURCES; FISH/FISHERIES; LIVING MARINE RESOURCES; WILDLIFE

02-028 Alaska. Department of Community and Regional Affairs.

Impact Problems and Intergovernmental Aids in Alaska. Goldsmith, O. S. and T. A. Morehouse. Alaska Coastal Management Program. 3 Volumes. 1976.

Describes and analyzes alternatives for management of energy impact funds in Alaska. Also known as The Coastal Energy Impact Program in Alaska.

DEVELOPMENT; ENERGY; ENERGY LAWS AND LEGISLATION

02-029 Alaska. Office of Coastal Management.

Inventory of Federal Statutes. Center for Natural Areas. Multi-pp. 2 Volumes. 1976.

Federal statute summaries and matrices related to coastal management.

PLANNING/MANAGEMENT; FEDERAL CONSISTENCY; LAWS AND LEGISLATION

02-030 Alaska. Office of Coastal Management.

Inventory of Land Management tools in Alaska, 1975 - 1976. Center for Natural Areas. Multi-pp. 2 Volumes. 1976.

Defines and delineates the state's land management program.

LAND/WATER USE; PROGRAM DESCRIPTION

02-031 Alaska. Department of Natural Resources.

Report of the Feasibility Study of a Land Management Information System. Popp, K. and J. Baxandall. 30 pp. 1976.

Recommendations for a land status information system including background discussion of land management system alternatives and a brief history of experiences in other states.

INFORMATION SYSTEMS; LAND/WATER USE; PLANNING/MANAGEMENT

02-032 Alaska. Office of Coastal Management.

Techniques and Methods. Center for Natural Areas. Multi-pp. 2 Volumes. 1976.

Volume 1 is a brief summary of the general and specific findings and considerations in the development of land management programs in Alaska. Volume 2 is a summary of the techniques and methods that could be used in the establishment of the ACMP.

PLANNING/MANAGEMENT; LAND/WATER USE; PROGRAM DEVELOPMENT

02-033 Alaska. Department of Community and Regional Affairs.

Transportation Impacts of Outer Continental Shelf Oil and Gas Development in the Northern Gulf of Alaska and Kodiak Areas: Synopsis. Alaska Department of Highways. 68 pp. 1976.

Examines current use and capacities of coastal and land transport facilities

02-033 Alaska. Department of Community and Regional Affairs. (continued)

and modes. Includes assessment of present levels of service in light of OCS expected development use levels for both Northern Gulf of Alaska and Kodiak lease sales.

TRANSPORTATION; LAND/WATER USE; OCS; REGIONAL IMPACT; PETROLEUM INDUSTRY; SHIPPING

02-034 Alaska. Department of Community and Regional Affairs.

Coastal Energy Program. Process for the Allocation of Financial Assistance. 19 pp. January 1977. (CZIC).

Document submitted for review and comment for intrastate allocation of financial assistance pursuant to the provisions of the Coastal Energy Impact Program (CEIP), Section 308. Covers a general overview and description of the proposed "g-2" process.

GOALS/OBJECTIVES; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; ENERGY

02-035 Alaska. Coastal Management Program.

An Inventory of Recreation, Scenic Heritage and Wilderness Areas of Particular Concern in Alaska's Coastal Zone. Division of Parks, Alaska Department of Natural Resources. Multi-pp. Maps. October 1977. (CZIC)

Identifies coastal areas of particular concern (APC) for the protection and management of recreation, scenic, heritage, and wilderness resources. Designed for use by land managers, district and regional coastal planners, coastal development planners, as well as serving as an aid in determining future APCs for consideration. Lists criteria for each type of resource value and management scheme.

COASTAL INVENTORIES; RECREATION/TOURISM; COASTAL RESOURCES; CRITICAL AREAS: CULTURAL/HISTORICAL RESOURCES; LAND/WATER USE; MAPS/MAPPING; WATER RESOURCES; WETLANDS; ZONING; PLANNING/MANAGEMENT

02-036 Alaska. Department of Natural Resources. Division of Geological and Geophysical Surveys.

Areas of Particular Concern for Geologic Reasons in the Alaskan Coastal Zone. Finley, S., Riehle, J. and K. Emmel. Anchorage, AK. 58 pp. October 1977. (CZIC)

Identifies areas of particular concern (ACPs) for geologic reasons in the Alaskan coastal zone. Only areas of likely future development immediately adjacent to the coastline are considered. Covers seismic activity and earthquake zones, waves, vulcanism, glacier dammed lakes and outburst floods and

02-036 Alaska. Department of Natural Resources. Division of Geological and Geophysical Surveys. (continued)

distribution of mineral and energy resources. Plates and figures show APCs, slope stability of Anchorage, major earthquakes, general tectonics, etc.

COASTAL RESOURCES; URBAN AREAS; DEVELOPMENT; PLANNING/MANAGEMENT; CRITICAL AREAS; ENERGY; EROSION/SEDIMENTATION; FLOODS/FLOODING; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; GEOLOGY

02-037 Alaska. State Office of the Governor. Federal-State Land Use Planning Commission for Alaska. University of Alaska.

Alaska Regional Profiles. Volumes I - VI. Oversize. Selkregg, L. L. Multi-pp. 1974 - 1977. (CZIC)

Summarizes current knowledge about Alaska's lands and waters, natural resources and communities. Each volume covers a separate region: Volume I - South Central Alaska: Volume II - Central Alaska; Volume III - Southwest Region; Volume IV - Southeast Region; Volume V - Northwest Region; Volume VI - Yukon Region. Each Volume covers: The Natural Environment, including climate, marine environment, topography, geography, water, soils and biotic communities, and the Man-Made Environment, including government, history, population, economy, land status, existing land use, transportation, communication and a summary of community facilities. Also includes extensive bibliographic information.

EDUCATION; INFORMATION SYSTEMS; COASTAL RESOURCES; URBAN AREAS; PLANNING/MANAGEMENT; CULTURAL/ HISTORICAL RESOURCES; TRANSPORTATION; WATER RESOURCES

02-038 Alaska. Department of Community and Regional Affairs.

Policy Guidelines for Implementation of Coastal Energy Impact Program. 20 pp. Appendices. October 1977. (CZIC)

Discusses general provisions of the Coastal Energy Impact Program (CEIP), participation in federal allotment of CEIP assistance, eligibility for assistance, preparation and submission of applications, procedures for allocation and appendices.

PROGRAM DEVELOPMENT; GOALS/OBJECTIVES; FEDERAL CONSISTENCY

02-039 Alaska. Department of Natural Resources.

Alaska Coastal Land Status/Land Use Atlas. Chakroff, D. N. Anchorage, AK. Multi-pp. 4 Volumes. 1977.

Shows current land status, subsurface use, and surface use of coastal areas at a scale of 1:250,000. It is divided into 4 volumes: Volume 1,

02-039 Alaska. Department of Natural Resources. (continued)

Southeastern Alaska; Volume 2, Northern Gulf of Alaska, Prince William Sound, Cook Inlet, Kodiak Island; Volume 3, Bristol Bay, Aleutian Islands; Volume 4, Western Alaska and the North Slope. There is a User's Guide available now.

LAND/WATER USE; SUBMERGED LANDS; ATLASES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN;

02-040 Alaska. Department of Community and Regional Affairs.

An Annotated Bibliography of Writings in Kenai Peninsula Borough Planning Department Library Relating to Planning and Coastal Zone Management. Mielke, F. G. 115 pp. 1977.

Listing by subject (land use, demography, etc.), geographic area, and by title and author. Useful annotations.

BIBLIOGRAPHY; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; POPULATION; STATISTICS

02-041 Alaska. Office of Coastal Management.

Choices for the Coast. Northrim Associates. Videotape. 1977.

Introductory videotapes on coastal management to encourage public participation in Alaska Coastal Management Program.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT

02-042 Alaska. Department of Community and Regional Affairs.

City of Unalaska, Alaska: Recommended Community Development Plan. Tryck, Nyman and Hayes. Anchorage, AK. 165 pp. 1977.

Analyzes existing natural conditions, structures, and activities in Unalaska. Projects effects of growth in fish processing and oil industries, proposes a land use and development plan to absorb these impacts, allows for population growth, and copes with current and future community needs.

FISH/FISHERIES; PETROLEUM INDUSTRIES; POPULATION; STATE-LOCAL COORDINATION; URBAN AREAS

02-043 Alaska. Department of Fish and Game.

Biophysical Process Maps for Alaska's Coastal Zone. Anchorage, AK. 1977.

02-043 Alaska. Department of Fish and Game. (continued)

Summmer and winter biophysical process maps present environmental information used in conjunction with the Biophysical Boundary Maps for Alaska's Coastal Zone. Topics covered include: hydrology, oceanography, marine invertebrates, fish, wildlife, vegetation, geology, climate, etc.

BOUNDARIES; MAPS/MAPPING; MARINE BIOLOGY; GEOLOGY; WILDLIFE; FISH/FISHERIES; VEGETATION

02-044 Alaska. Department of Fish and Game.

Biophysical Process Maps for Alaska's Coastal Zone; Literature Citations. Anchorage, Alaska. 39 pp. 1977.

These bibliographies accompany most of the process maps.

BIBLIOGRAPHY; MAPS/MAPPING; BOUNDARIES; MARINE BIOLOGY; GEOLOGY; WILDLIFE; FISH/FISHERIES; VEGETATION

02-045 Alaska. Department of Natural Resources.

Coastal Recreation Resources: Cordova, Alaska. Meiners, A. H. and A. C. Horton. Anchorage, AK. 192 pp. 1977.

Recreation assessment, including inventory of present and future demands identifying specific areas and boundaries necessary to protect area's coastal recreation, scenic, and historic resources. Study of the land base upon which recreation does or might occur.

RECREATION/TOURISM; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; BOUNDARIES; CULTURAL/HISTORICAL RESOURCES; COASTAL WATERS; LAND/WATER USE

02-046 Alaska. Department of Natural Resources

Coastal Zone Management Authorities as Administered by the Alaska Department of Natural Resources. Rogers, P. L. Multi-pp. 1 Volume. 1977.

Lists and explains state authorities administered by the Alaska Department of Natural Resources that apply to sale, lease, or permits for submerged state lands, water, tidelands, and uplands, and removal of materials, prospecting, and seismic exploration. Refers to letters or permits required by other agencies such as the Alaska Department of Fish and Game and Environmental Conservation, and municipalities. Notes needed for clarification of laws and procedures.

PERMITS/PERMITTING; SUBMERGED LANDS; GEOLOGY; LAWS AND LEGISLATION; LIVING MARINE RESOURCES

02-047 Alaska. Department of Community and Regional Affairs.

Continental Shelf Development. A Bibliographic Background for Alaska Rosier, K. Multi-pp. 2 Volumes. 1977.

Summary of materials available relative to petroleum and other mineral development on the continental shelf. Volume 1 lists entries by broad topical headings; Volume 2 has detailed subject, author and title indices.

BIBLIOGRAPHY; OCS; PETROLEUM INDUSTRY; MARINE MINING

02-048 Alaska. Coastal Management Program - Division of Policy Development and Planning.

A Fish and Wildlife Resource Inventory of the Alaska Peninsula, Aleutian Islands and Bristol Bay Areas. Volumes I and II. Volume I: Klinkhart, E. G., et. al. Volume II: McLean, R. F., et. al. Multi pp. 1977. (CZIC)

Volume I describes wildlife resources of Alaskan Peninsula including: moose, caribou, dall sheep, bear, small game and upland game birds, marine mammals, waterfowl and seabirds. Appendix describes life histories of selected species. Volume II covers the fisheries in the area including finfish, crustaceans and molluscs. Distribution, migration and behavior, spawning, abundance and economic value are discussed for most species.

COASTAL INVENTORIES; COASTAL RESOURCES; FISH/FISHERIES; LIVING MARINE RESOURCES; WILDLIFE

02-049 Alaska. Department of Fish and Game.

A Fish and Wildlife Resource Inventory of Southeastern Alaska. Alaska Coastal Management Program. 2 Volumes. (Volume 1: Wildlife, Volume 2: Fisheries). Multi-pp. 1977. (CZIC)

Covers existing data on the occurrence, numbers, and habitat requirements of sport and commercial fish, big and small game, waterfowl, and marine mammals, with harvest data where available. Notes critical use areas, seasonal distribution, and economic value of catch.

FISH/FISHERIES; RECREATION/TOURISM; WILDLIFE; MARINE BIOLOGY; CRITICAL AREAS; WATER RESOURCES

02-050 Alaska. Coastal Management Program.

A Fish and Wildlife Resource Inventory of Western and Arctic Alaska. Klinkhart, E. G. Volume I, and McLean, R. F. Volume II. Multi pp. 1977. (CZIC)

Volume I covers wildlife in Western and Northern Alaska including moose,

02-050 Alaska. Coastal Management Program. (continued)

caribou, dall sheep, muskoxen, bear (black, brown/grizzly, polar) small game and upland birds, marine mammals, and waterfowl and other birds. Life histories for selected species are listed in Appendix. Volume II covers commercial fisheries activities in the various regions. Descriptions of fishery seasons, effort, economic value, spawning and status related to maximum sustained yield are all discussed.

COASTAL INVENTORIES; COASTAL RESOURCES; FISH/FISHERIES; LIVING MARINE RESOURCES; WILDLIFE

02-051 Alaska. Department of Fish and Game.

Forest Practices in Relation to Management of Alaska's Coastal Zone Resources: A Review with Management and Guideline Recommendations. Koski, K. V. and R. A. Walter. 187 pp. 1977.

Discusses logging and transportation methods used in southeastern Alaska and their effects on fresh and salt water habitats. Makes recommendations to minimize adverse effects.

FORESTRY/LOGGING; TRANSPORTATION; WATER POLLUTION; WATER QUALITY; WATER DEVELOPMENT PROJECTS

02-052 Alaska. Department of Natural Resources.

Geology and Geologic Hazards of the Western Coast of the Kenai Peninsula from Kenai to English Bay, Alaska. Riehle, J. R., Reger, R. D. and C. L. Carver. Anchorage, AK. Preliminary Report. 30 pp. Maps. 1977.

Identifies and discusses geologic hazards from Kenai to English Bay. Based on literature review and two field seasons, it covers regional characteristics of seismic activity, volcanism, and tsunamis. For the northern and southern sections of the coast, it discusses geology, areas subject to ground failure, erosion, flooding, mass movement, and avalanches. Maps show geology, faults, volcanoes, and areas exposed to hazard.

GEOLOGY; NATURAL HAZARDS; EROSION/SEDIMENTATION; FLOODS/FLOODING; CRITICAL AREAS

02-053 Alaska. Department of Community and Regional Affairs.

Juneau Outer Continental Shelf Oil Impact Examination, Phase I. Alaska Department of Community and Regional Affairs. Alaska Coastal Management Program. 132 pp. 1977.

Noting that the capital move could leave Juneau with extra housing and utilities, making it attractive as a residential and administrative site for

02-053 Alaska. Department of Community and Regional Affairs. (continued)

OCS activities, this study reviews Juneau's natural and man-made conditions and capacity to supply needs.

OCS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PETROLEUM INDUSTRY; REGIONAL IMPACT.

02-054 Alaska. Department of Community and Regional Affairs.

Kodiak Island Borough Outer Continental Shelf Impact Study. Simpson Usher Jones, Inc. Report for Alaska Coastal Management Program. Anchorage, Alaska. 2 Volumes. Multi-pp. 1977.

Volume 1 describes the exploration and development scenario for several levels of oil discovery. It lists the amounts and types of labor required and the requirements by year, for land, dock space, and housing depending on the amount of oil discovered. Volume 2 is an inventory of existing facilities, population, employment patterns and limitations of each community on Kodiak Island. It discusses the possible impacts of OCS development on each community and its elements.

OCS; SOCIOECONOMICS; DEVELOPMENT; FACILITY SITING; POPULATION; STATISTICS

02-055 Alaska. Department of Community and Regional Affairs.

OCS Development: A Blessing or a Headache? Kenai Peninsula Borough Planning Department. Alaska Department of Community and Regional Affairs. Alaska Coastal Management Program. 6 Volumes. (Homer, Kenai, Seldovia, Seward, Soldotna, maps of Kenai). Multi-pp. 1977.

For each town, analyzes physical and cultural features, land use, facilities, economy and the impact OCS development could have on these. Notes the decision points in OCS activity and the options open to the communities. Analysis of population, housing and facilities includes a detailed survey of attitudes towards services, the community, and development. Summarizes surveys of population, housing, and attitudes. Each report has maps which can accompany it.

OCS; AESTHETICS; CULTURAL/HISTORICAL RESOURCES; FACILITY SITING: POPULATION; HOUSING; STATISTICS; MAPS/MAPPING; PUBLIC PARTICIPATION

02-056 Alaska. Department of Community and Regional Affairs.

Oil Terminal and Marine Service Base Sites in the Kodiak Island Borough, Summary and Final Reports. Woodward-Clyde Consultants. Anchorage, AK. 2 Volumes. Multi-pp. 1977.

Final report details the method used and data gathered to rank possible

02-056 Alaska. Department of Community and Regional Affairs. (continued)

sites for a marine service base and oil terminal on Kodiak and Afognak Islands. Covers pipeline routes. Rates sites on their desirability for oil finds in each of three areas, from the viewpoints of citizens, borough government, fishing industry, state agencies, and oil companies. Summary report gives conclusions as to rankings of sites by factors considered.

FACILITY SITING; PETROLEUM INDUSTRY; PUBLIC PARTICPATION; STATE-LOCAL COORDINATION; FISH/FISHERIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

02-057 Alaska. Office of Coastal Management

People's Coast. Videotape. 1977.

Videotape summary of results of Fall 1977 public participation effort.

PUBLIC PARTICIPATION

02-058 Alaska. Department of Community and Regional Affairs.

A Profile of Five Kenai Peninsula Towns: An Analysis of the Demographic Characteristics and Attitudes Toward Services and Community Development in Kenai, Soldotna, Seward, Seldovia, and Homer. By Hitchins, D. R., et al. Report for Alaska Coastal Management Program. Volume 1. 1977.

Information presented in this report was obtained from surveys conducted in the five cities. Survey questions were designed to provide information on population, population composition, housing, employment and income. Questions were also included to obtain data on attitudes toward the existing community, the type and size of community desired, industrial development, onshore activities related to OCS development and community planning.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; POPULATION; SOCIOECONOMICS; PUBLIC PARTICIPATION; INDUSTRY/ COMMERCE

02-059 Alaska. Department of Community and Regional Affairs.

North Slope Borough Coastal Management Program: Prudhoe Bay Area. Alaska Consultants, Inc. 118 pp. June 1978. (CZIC)

Presents management plan for coastal resources of the North Slope. Issues such as oil development are discussed. Resources are inventoried and uses documented and forecast. Implementation plans are described.

PLANNING/MANAGEMENT; OIL AND GAS; NATURAL RESOURCES; LAND/WATER USE

02-060 Alaska. Coastal Management Policy Group.

Planning for Offshore Oil Development: Gulf of Alaska OCS Handbook. Kramer, L. A., V.S. Clark, and G.J. Cannelos. Alaska Department of Community and Regional Affairs. Juneau, AK. 257 pp. 1978. (CZIC)

Describes present and future implications of Outer Continental Shelf (OCS) oil and gas activity in the waters off Alaska. Also explains the state's policies on OCS development. Topics covered include: the state's position, physical description of the environment, historical leasing and exploration, development scenarios, profiles of industries, facility siting, employment estimates and population and public services. Includes many photos, charts, graphs, and tables.

COASTAL RESOURCES; INDUSTRY/COMMERCE; DEVELOPMENT; FACILITY SITING; PETROLEUM INDUSTRY; POPULATION; PUBLIC SERVICES

02-061 Alaska. Department of Environmental Conservation. Division of Water Programs and Environmental Analysis Section.

Alaska Oil and Hazardous Substances Pollution Contingency Plan. 52 pp. 1978.

Outlines authorities and policies available, agencies and personnel involved in oil spill prevention, reporting, cleanup and enforcement. Lists procedures and options for cleanup, organized in a mobilization and action plan which also includes documentation and evidence requirements.

OIL POLLUTION EFFECTS; PETROLEUM INDUSTRY

02-062 Alaska. Department of Fish and Game.

Biophysical Boundary Maps of Alaska's Coastal Zone. Report for Alaska Coastal Management Program. 1 Volume. Multi-pp. 1978.

At a scale of 1:250,000, these maps outline the landward and seaward zones of direct interaction, direct influence, and indirect influence based on biophysical considerations for Alaska's coastal zone. Text on the maps describes the habitat and its use by animals and plants. The combined zones of direct interaction and direct influence have been accepted as the interim coastal zone, pending acceptance of local and regional plans. (61 maps plus introductory pages, available in 11" x 17" and 24" x 36" sizes).

MAPS/MAPPING; BOUNDARIES; WILDLIFE; VEGETATION

02-063 Alaska. Department of Environmental Conservation.

Directory of Permits. Alaska Department of Commerce and Economic Development and Alaska Department of Environmental Conservation. Juneau, Alaska. 1 Volume. Multi-pp. 1978.

02-063 Alaska. Department of Environmental Conservation. (continued)

Lists state and Federal permits giving a general description, requirements for issuance, statutory authority, and contacts. This document is designed primarily for use by government agencies and consulting firms. Copies may be seen at local government offices and public libraries.

PERMITS/PERMITTING; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

02-064 Alaska. Department of Natural Resources.

Geology and Geologic Constraints of the Coastal Zone from Valdez Arm to Yakutat, Alaska. Riehle, J. R., Finley, S. and K. Emmel. Anchorage, AK. Preliminary Report. 67 pp. Maps. 1978.

Review of available literature with additional reconnaissance in the field by staff. Covers geology, seismic activity, stability, glaciers, drift ice, flooding, tsunamis, and avalanching. Outlines minerals, fossil fuels and construction materials in the area.

GEOLOGY; NATURAL HAZARDS; FLOOD/FLOODING; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL INVENTORIES; RECREATION/TOURISM; AESTHETICS

02-065 Alaska. Department of Natural Resources.

Recreation, Scenic and Heritage Areas of Particular Concern: Cape Puget to Cape Suckling, Alaska. Meiners, A. H., Prodan, W. T. and N. C. Johannsen. 111 pp. 1978.

Identifies recreation, scenic, and heritage areas of particular concern in the Prince William Sound and Controller Bay areas. Describes associated as well as primary values for each location and present management.

RECREATION/TOURISM; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PLANNING/ MANAGEMENT

02-066 Alaska. Department of Natural Resources.

Recreation, Scenic and Wilderness Areas of Particular Concern: Cook Inlet, Alaska. Meiners, A. H., Martin P. K. and N. C. Johannsen. Alaska Coastal Management Program. Anchorage, AK. 169 pp. 1978.

Inventory of areas of particular concern in the Cook Inlet area for the protection and management of recreation, scenic, and wilderness resources. Designed for use by land managers, district and regional coastal planners, Alaska Coastal Policy Council and coastal development planners.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; RECREATION/TOURISM; AESTHETICS

02-067 Alaska. Office of Coastal Management.

State Agency Information and Plans Applicable to the Coast of Alaska. Alaska Office of Coastal Management, Inter-Agency Regional Coastal Planning Team. 200 pp. 1978.

Inventory of state plans and studies on coastal subjects, whether funded through Alaska Coastal Management Program or not. Notes subject matter, agency which produced it, where available, and cost.

STATE-LOCAL COORDINATION; ECONOMICS

02-068 Alaska. Alaska Department of Environmental Conservation and U.S. Fish & Wildlife Service.

Proceedings of the Wetlands Conference. February 5, 1979. Juneau, AK. 35 pp. (CZIC)

Summary transcript of discussions between public and private wetland management and development interests. Concensus recommendations of management needs were stated and agreement was reached that the Alaska Office of Coastal Management would draft specific wetlands management policies.

WETLANDS; CONFLICTING USES; PLANNING/MANAGEMENT; CONFERENCES/WORKSHOPS

02-069 Alaska. Office of Coastal Management.

State of Alaska Coastal Management Program and Final Environmental Impact Statement. 1 Volume. Alaska Office of Coastal Management. April 1979.

Describes the Alaskan coastal zone management program and includes the final environmental impact statement for the state.

PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION

02-070 Alaska. Alaska Department of Community and Regional Affairs (Coastal Energy Impact Program).

Recommendations for Minimizing the Impacts of Hydrocarbon Development on the Fish, Wildlife and aquatic Plant Resources of Lower Cook Inlet. Vols. 1 & 2. Hamilton, C. I., Starr, S. J., and L. L. Trasky. 420 pp. May 1979. (CZIC)

In anticipation of OCS oil and gas activities in Lower Cook Inlet, studies were completed which inventoried the distribution and abundance of fish and wildlife, assessed and quantified the effects of oil and gas activities on these resources and provided mitigation measures for these impacts. Volume 1 discusses the activites of oil and gas development, the impacts and mitigation measures. Volume 2 provides information on life history and harvest data for the most important fish, wildlife and plants.

02-070 Alaska. Alaska Department of Community and Regional Affairs (Coastal Energy Impact Program). (continued)

OCS; COASTAL INVENTORIES; OIL AND GAS; ENVIRONMENTAL IMPACT

02-071 Alaska. Alaska Department of Natural Resources (Coastal Energy Impact Program).

Recreation, Scenic and Heritage Areas of Particular Concern: Cape Suckling to Cape Fairweather and the Outer Kenai Coast. Troll, K. A. Alaska Division of Parks & Department of Natural Resources. Fairbanks, AK. 92 pp. July 1979. (CZIC)

An inventory to identify and document coastal areas with significant recreation, scenic, heritage and wilderness values to assist land managers and planners in decisionmaking that would affect the region. Also identified are areas meriting special attention to be considered by coastal districts as specified by the Alaska Coastal Management Act of 1976.

COASTAL INVENTORIES; RECREATION/TOURISM; AESTHETICS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CULTURAL/HISTORICAL RESOURCES

02-072 Alaska. Alaska Department of Community and Regional Affairs (Coastal Energy Impact Program).

Drainage Management Plan: Homer, AK. 59 pp. Appendices. August 1979. (CZIC)

Analysis of surface water drainage in Homer and a proposed drainage management plan for existing and future drainage problems. Design criteria and methods are presented to provide a standardized approach to facilities construction.

WATER RESOURCES; ENGINEERING; URBAN AREAS

02-073 Alaska. Department of Community and Regional Affairs.

Anchorage Coastal Management Plan Federal and State Consistency Procedures and Municipal Compliance Manual. Anchorage Planning Department. Management Plan: 93 pp. Appendices, Executive Summary: 11 pp. Compliance Manual: 13 pp. September 1979.

Management Plan examines coastal resources to determine the environmental impacts resulting from various land uses and activities. Land use suitability and legal review of existing statutes were performed to determine what policies are necessary to implement the Alaska Coastal Management Act.

Executive Summary presents findings and recommendations in tables and matrices and enumerates steps for implementation.

02-073 Alaska. Department of Community and Regional Affairs. (continued)

Compliance Manual summarizes provisions for federal consistency in the coastal zone, and state and municipal compliance with the management plan.

PROGRAM DESCRIPTION; LAND/WATER USE; ENVIRONMENTAL IMPACT; LEGAL/INSTITUTIONAL ANALYSIS

02-074 Alaska. Department of Community and Regional Affairs.

City of Haines Coastal Management Plan. Anchorage, AK. Management Plan: 136 pp. Appendices. Executive Summary: 7 pp. Background Report: 101 pp. October 1979. (CZIC)

Presentation of community development strategies in implementing the Alaska Coastal Management Act. Management plan provides a resource assessment and analysis, a use analysis, land use plan and general policies for implementation.

Executive Summary presents the prioritized recommendations and an implementation plan.

Background Report summarizes in detail the issues, goals and objectives of the Management Plan.

PROGRAM DESCRIPTION; SOCIOECONOMICS; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; GOALS AND OBJECTIVES

02-075 Alaska. Alaska Coastal Policy Council.

Annette Islands Reserve Coastal Management Program. Juneau, AK. 161 pp. November 1979. (CZIC)

Management plan for resources of the Annette Island Reserve by the Metlakatla Indian community to implement the Alaska Coastal Management Act. Presents natural resource, land and water and socioeconomic issues, goals and objectives. Describes management policy and a plan for implementation.

FISH/FISHERIES; FORESTRY/LOGGING; LAND/WATER USE

02-076 Alaska. Office of Coastal Management.

Uses of State Concern in the Coastal Area of Alaska. Prepared by the Alaska Office of Coastal Management, Inter-Agency Regional Coastal Coordinating Team. 104 pp. 1979.

Defines and describes uses of state and national concern, of all types designated to date. Offers guidelines for management under regional programs.

02-076 Alaska. Office of Coastal Management. (continued)

NATIONAL INTEREST; STATE-LOCAL COORDINATION; FEDERAL AGENCIES; PLANNING/ MANAGEMENT

02-077 Alaska. Office of the Governor. Division of Policy Development and Planning.

Bibliography of Products. Murray R. Walsh, Coordinator. Alaska Coastal Management Program. Office of Coastal Management. Anchorage, AK. Multi-pp. Appendix. 1979. (CZIC)

An annotated bibliography of the work products produced for the Alaska Office of Coastal Zone Management (OCM). Included in the Appendix is a list of OCM products:

1. List of Alaska Coastal Community Profiles
2. Introduction to the documentary film "Uncertain Summer"
3. Summary to film "Kachemak Bay - A Problem of Progress"
4. List of Biophysical Boundary Maps of Alaska's Coastal Zone
5. List of Biophysical Process Maps
6. Mineral Locations in the Coastal Zone.

BIBLIOGRAPHY

02-078 Alaska. U.S. Bureau of Mines. Alaska Field Operation's Center.

Mineral Locations in the Coastal Zone. Juneau, AK. 66 Overlays. 1979.

The overlays were constructed using all mineral location information in the Minerals Availability System (MAS) data base for Alaska within a zone approximately 10-12 miles from the coastline. A density plot was prepared at a scale of 1:2,500,000 for the entire state, and cluster plots with accompanying printouts were prepared for 65 coastal quadrangles at 1:2,500,000 scale. The density plot contains one dot for each mineral location; the dots may overlap, so the map is useful only for conveying an idea of the intensity of past mining/exploration effort in the state. The cluster plots do not allow overlap of adjacent locations. The first location in the data is plotted on the overlay, and subsequent locations that would overlap are listed on the printout under the map number for the first location. Additional information on the printout consists of the most common name of the location, its MAS sequence number, and the primary commodity of interest.

MAPS/MAPPING; GEOLOGY; LAND/WATER USE

02-079 Alaska. Alaska Office of Coastal Management.

Alaska Coastal Bibliography and Index. Volumes A - I Arctic Environmental Information and Data Center. January 1980. (CZIC)

02-079 Alaska. Alaska Office of Coastal Management. (continued)

Region A:	Northwest Alaska	multi pp.
Region B:	Bering Straits	66 pp.
Region C:	Southwest Alaska	93 pp.
Region D:	Kodiak-Aleutians	76 pp.
Region E:	Upper Cook Inlet	41 pp.
Region F:	Lower Cook Inlet	57 pp.
Region G:	Prince William Sound	40 pp.
Region H:	Northern Southeast Alaska	45 pp.
Region I:	Southern Southeast Alaska	41 pp.

Scientific research information on environmental resources is provided in bibliographies designed to assist coastal communities in the formulation of their coastal management plans and government agencies in their responsibilities.

BIBLIOGRAPHY; PLANNING/MANAGEMENT; LAND/WATER USE

02-080 Alaska. Alaska Coastal Management Program.

Community Matrix for Development Projects. Alaska Department of Commerce and Economic Development. Juneau, AK. 61 pp. Appendixes. February 1980. (CZIC)

Matrix provides information about community development projects planned for the Alaska coastal zone. It summarizes community overall economic development plan documents which describe an area's program and a course for development action. Ten project categories are represented in the matrix and are compared with plan objectives, utilities, transportation, housing, natural resources, community facilities, community and social services, economic assessment and planning, trade and finance, tourism and land.

SOCIOECONOMICS; PLANNING/MANAGEMENT; URBAN AREAS; TRANSPORTATION; ENERGY; DEVELOPMENT

02-081 Alaska. Alaska Coastal Policy Council and Office of Coastal Management.

Annual Report for 1979 on the Alaska Coastal Managment Program. Office of the Governor. Juneau, AK. 138 pp. March, 1980.

Reports on the activities of the Alaska Coastal Management Program during 1979. Discusses milestones such as legislative ratification of regulations guiding the Program, completion of resources district coastal management programs and continuing preparation of additional local government programs.

PROGRAM DESCRIPTION; LAWS AND LEGISLATION; LAND/WATER USE; PLANNING/MANAGEMENT

02-082 Alaska. Alaska Department of Natural Resources (Coastal Energy Impact Program).

An Evaluation of the Recreation Potential of Lands in the Cottonwood and Eastland Creeks Areas, Kachemak Bay, Alaska. Alaska Division of Parks, Department of Natural Resources. 150 pp. June 1980.

Report on the feasibility of designating public lands near Homer, Alaska for recreation and openspace activities. Discussion of natural and cultural resources, socioeconomic characteristics, public use and concerns. Conclusion is that park establishment is both feasible and desirable.

COASTAL INVENTORIES; BOUNDARIES; OPEN SPACE; PUBLIC ACCESS; RECREATION/TOURISM; SOCIOECONOMICS

02-083 Alaska. Alaska Department of Natural Resources (Coastal Energy Impact Program).

Recreation, scenic and heritage areas of particular concern: Kodiak Archipelago. Troll, K. A., Martin, P. and J. A. Mohr. 299 pp. June 1980. (CZIC)

An inventory to identify and document areas with significant resource values as well as areas meriting special attention to be considered by area land managers and planners in decisionmaking.

COASTAL INVENTORIES; FISH/FISHERIES; FORESTRY/LOGGING; OCS; GEOGRAPHICAL AREAS OF PARTICULAR CONCERN

02-084 Alaska. Alaska Coastal Management Program.

Kenai Peninsula Borough Coastal Development Program. Multi-pp. October 1980.

Environmental resources and land use maps describing the Kenai Peninsula are presented.

MAPS/MAPPING; GEOLOGY; LAND/WATER USE

02-085 Alaska. Alaska Coastal Management Program.

Anchorage Coastal Resource Atlas. Volume 1: The Anchorage Bowl. Multi-pp. December 1980.

Resource maps providing an inventory of physical and biological characteristics, wildlife habitat, land use and ownership.

ATLASES; COASTAL INVENTORIES; LAND/WATER USE

02-086 Alaska. Department of Community and Regional Affairs.

Anchorage Coastal Management Plan: Coastal Scenic Resources and Public Access Plan. Hill, E. A., Jacabos, K. L. and L. L. Snyder. 100 pp. 1980.

Presents a plan to implement public use of coastal areas through trails, bike paths and viewing facilities. Provides site-specific inventories, analyses and plans.

COASTAL INVENTORIES; PUBLIC ACCESS; AESTHETICS

02-087 Alaska. Alaska Department of Fish and Game.

Sitka Coastal Habitat Evaluation. Final Project Summary with Management Recommendations. Sundberg, K. A. Anchorage, AK. 50 pp. January 1981.

A summary of research on Sitka coastal habitats and fish and wildlife usage with management recommendations.

COASTAL INVENTORIES; MARINE BIOLOGY; PLANNING/MANAGEMENT

02-088 Alaska. Alaska Department of Fish and Game.

Wetlands Habitat Investigations in Sitka Sound, Alaska. Watson, S. Anchorage, AK. 126 pp. February, 1981.

A study to identify and characterize wetland habitats in Sitka Sound and to document their use by migratory and overwintering birds. Recommendations to minimize or avoid adverse impacts are made.

WETLANDS; ENVIRONMENTAL IMPACT; RESOURCE PROTECTION

02-089 Alaska. Alaska Coastal Management Program.

City of Cordova Marine Facilities Study. Anchorage, AK. Multi-pp. March 1981.

Feasibility study to use dredge spoils to create landfill areas for parking and marine industrial activities within the city harbor. Study contains socioeconomic information, survey of existing facilities, service demand forecasts, engineering criteria and development recommendations.

DREDGING; INDUSTRY/COMMERCE; FACILITY SITING; ENGINEERING; PORTS/WATERFRONTS

02-090 Alaska. Alaska Office of Coastal Management.

Wetlands Management in Alaska: A Report to the Alaska Policy Council. Kyle, A. D. Juneau, AK. 119 pp. April 1981. (CZIC)

02-090 Alaska. Alaska Office of Coastal Management. (continued)

Provides information, based on a literature review, interviews and analysis, on issues related to wetlands management and regulation. Analyzes the current wetlands management system and presents recommendations to solve current and anticipated management problems.

WETLANDS; WATER RESOURCES; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; DREDGING; CONFLICTING USES

02-091 Alaska. Alaska Coastal Management Program.

Bristol Borough Coastal Management Program. Volume 1 Resource Inventory. 86 pp. May 1981.

An identification of the environmental and cultural resources in the region. Describes with maps the location, size and importance of resources.

MAPS/MAPPING; CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES

02-092 Alaska. Alaska Bureau of Indian Affairs.

1981 Salmon Fishery Management Plan for the Annette Islands Reserve. 65 pp. May 1981.

Provides a plan for harvesting salmon by the Metlakatla Indian community. Presents alternative plans, environmental and socioeconomic description of the area, environmental consequences and possible mitigation measures of proposed activities.

FISH/FISHERIES; SOCIOECONOMICS; PLANNING/MANAGEMENT

02-093 Alaska. Alaska Coastal Management Program.

Kodiak Island Borough Coastal Management Program Resource Maps. 17 pp. June 1981.

Resource maps describing distribution of coastal habitats, marine mammals, birds, finfish and shellfish, coastal currents and cultural resources.

MAPS/MAPPING; COASTAL WATERS; CULTURAL HISTORICAL RESOURCES

02-094 Alaska. Department of Community and Regional Affairs.

Seward Highway Scenic Corridor Plan for the Municipality of Anchorage. 55 pp. June 1981.

Provides management plan, resource inventory and detailed site selection

02-094 Alaska. Department of Community and Regional Affairs. (continued)

to present scenic and recreational opportunities along the 40 mile Turnagin Arm of the Seward Highway.

TRANSPORTATION; PUBLIC ACCESS; AESTHETICS; RECREATION/TOURISM

03-001 California. Department of Fish and Game.

The Natural Resources of Bodega Harbor. Standing, J., et. al. Coastal Wetlands Series # 11. Sacramento, CA. 183 pp. Appendices. May 1975.

Describes the environment, ecological habitats and wildlife of the harbor. The report describes existing uses of the natural resources (shellfishing, bait collection, sport fishing, water oriented recreation activities, commercial and party boat fishing, hunting, and education) and then describes specific resource problems related to harbor development, dredging and filing, erosion, water quality, and residential development.

COASTAL INVENTORIES; WILDLIFE; WETLANDS; COASTAL RESOURCES; ESTUARIES; FISH/FISHERIES; EROSION/SEDIMENTATION; DREDGING; DEVELOPMENT; RECREATION/TOURISM

03-002 California. Coastal Zone Conservation Commission.

California Coastal Plan. Sacramento, CA. Maps. 443 pp. December 1975. (CZIC)

Presents California's coastal zone management plan. Included are policy statements concerning such topics as the marine and coastal environment, energy, transportation, coastal access, recreation, research and others. Also outlines local and state agency responsibilities and presents plan maps and regional summaries.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS; TRANSPORTATION; RECREATION/TOURISM; ENERGY FACILITY SITING; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; DEVELOPMENT

03-003 California. Coastal Zone Conservation Commission.

Recommended Coastal Properties for Public Acquisition. San Francisco, CA. 37 pp. Maps. March 1976. (CZIC)

Presents proposals for the public acquisition of coastal property. The acquisition list includes three priority rankings with 154 recommended sites. Cost estimates for the purchasing programs are between $180 and 200 million. A fourth priority category recommends additional sites for acquisition by Federal agencies or the State Coastal Conservancy. Summary tables present each site's name, acreage, major objective, cost estimate and funding source.

OPEN SPACE; PARKS; LAND/WATER USE; COASTAL RESOURCES

03-004 California. Delta Advisory Planning Council. Sacramento Regional Area Planning Commission.

Delta Plan Technical Supplement. IV Delta Natural Hazards. Sacramento, CA. 266 pp. Appendices. March 1976. (CZIC)

Supplements the Delta Action Plan, the document describes significant natural hazards and methods to minimize their impact in the San Joaquin-Sacramento Delta. Chapters review soil hazards, earthquake hazards, flood plains management, levee rehabilitation, public safety, and others.

NATURAL HAZARDS; FLOODS/FLOODING; EROSION/SEDIMENTATION

03-005 California. Department of Fish and Game.

The Natural Resources of San Dieguito and Batiquitos Lagoons. Mudie, P., Browning, B. and J. Speth. Coastal Wetland Series #12. Sacramento, CA. 100 pp. Appendices. March 1976. (CZIC)

Documents the natural resources of two coastal lagoons in northern California and discusses the existing and future uses of their wetlands and environs. Topics examined include geology, water quality, land ownership, land use, habitats, wildlife, resource uses, flood control, pollution, development, and others.

COASTAL INVENTORIES; COASTAL RESOURCES; WETLANDS; DEVELOPMENT; ISSUES/PROBLEMS; INDUSTRY/COMMERCE; ESTUARIES; FLOODS/FLOODING; GEOLOGY; MARINE MINING; MARINAS; WATER QUALITY; WILDLIFE; POLLUTION

03-006 California. California Coastal Commission.

Analysis of Agriculture on the Oxnard Plain and the Urban/Rural Interface. California Coastal Commission, South Central Coastal Region. Multi-pp. January 1977.

This study of agriculture on the Oxnard Plain, Ventura County, is organized according to four major tasks: analysis of the agricultural economy; analysis of urban growth pressures on agricultural lands; evaluation of methods available for minimizing urban growth pressures on agricultural land use; and delineation of specific urban/agricultural boundaries.

AGRICULTURE; ECONOMICS; URBAN AREAS

03-007 California. California Coastal Commission.

Big Sur Coast: A Subregional Analysis of the Coastal Portions of Monterey and San Luis Obispo Counties. Staff Report. California Coastal Commission. 169 pp. February 1977.

03-007 California. California Coastal Commission. (continued)

The purpose of this study is to define tentatively a level and pattern of development that will not adversely affect coastal resources. This study will have two related functions. The data presented are being made available to both counties (and are so organized by county) to use in formulating their local coastal programs as required by the Coastal Act of 1976. The report can also be used by the Coastal Commission to evaluate permits in these areas and to establish the principal items for reviewing future Local Coastal Programs.

DEVELOPMENT; PLANNING/MANAGEMENT; GOALS/OBJECTIVES

03-008 California Coastal Commission.

Statewide Interpretive Guidelines. California Coastal Commission. May 1977.

These Statewide Interpretive Guidelines were adopted by the California Coastal Commission pursuant to Public Resources Code Section 30620(b) and are "designed to assist local governments, the regional commmissions, the commission, and persons subject to the provisions of this chapter in determining how the policies of this division shall be applied in the coastal zone prior to certification of local coastal programs."

PROGRAM DEVELOPMENT; RESOURCE PROTECTION

03-009 California. California Coastal Commission.

Assessment and Atlas of Shoreline Erosion Along the California Coast. California Department of Navigation and Ocean Development. California. 69 pp. Maps. July 1977.

This report and accompanying atlas present an assessment of the erosion that is occurring along the ocean shoreline of California. It identifies the nature of the entire coastline and those sections of the coast which could be subject to damage if not properly developed and those areas where preventative measures have been taken.

EROSION/SEDIMENTATION; NATURAL HAZARDS; ATLASES; ISSUES/PROBLEMS

03-010 California. California Coastal Commission.

District Interpretive Guidelines, San Diego District. California Coastal Commission. 13 pp. August 1977.

These Regional Interpretive guidelines were adopted by the California Coastal Commission to supplement the Statewide Guidelines of May 3, 1977. Both district and statewide guidelines, pursuant to Section 30620(b) of the Coastal

03-010 California. California Coastal Commission. (continued)

Act, were "designed to assist local governments, the commission, and persons subject to the provisions of this chapter in determining how the policies of this division shall be applied in the coastal zone prior to certification of local coastal programs."

PROGRAM DEVELOPMENT; PERFORMANCE STANDARDS

03-011 California. Office of Coastal Zone Management.

State of California Coastal Management Program and Final Environmental Impact Statement. OCZM and California Coastal Commission. San Francisco, CA. Multi-pp. Appendices. August 1977.

Management program for the California coastal zone excluding San Francisco Bay area. Includes description of the management program, list of land and water uses subject to management, description of the regulatory framework for implementing the program, description of energy impacts and shoreline access, description of public participation, as well as an assessment of the environmental impacts.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; ENERGY; REGIONAL IMPACTS; LAND/WATER USE

03-012 California. California Coastal Commission.

Local Coastal Program Manual. California Coastal Commission. Multi-pp. Appendices. July 1977; Supplemented September 1977.

A guide to assist local governments in preparing an LCP (Local Coastal Program) that meets the requirements of the Coastal Act and the Coastal Commission's LCP Regulations, adopted May 17, 1977. The Manual explains the local coastal planning process, including the relationship of the LCP to other statutes; expands upon the Coastal Act and LCP Regulations as to the content of the LCP; and explains funding sources and how to apply them.

PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT

03-013 California. California Coastal Commission.

Offshore Oil and Gas Development: Southern California. Staff Report. OCS Project Task Force/State of California Office of Planning and Research. Sacramento, CA. Volumes I and 2. 897 pp. Appendices. October 1977. (CZIC)

This two-volume document describes in detail the specific effects of OCS development in Southern California. It examines localized adverse effects of OCS development and recommends changes in existing Federal, state, and

03-013 California. California Coastal Commission. (continued)

local institutional arrangements to lessen or eliminate these effects. It also examines the potential for development and recommends means to achieve the most positive effects from OCS development. Volume 2 includes all appendices.

OCS; DEVELOPMENT; PETROLEUM INDUSTRY; INDUSTRY/COMMERCE

03-014 California. Department of Justice. Office of the Attorney General.

Implied Dedication and Prescriptive Rights Manual Relating to California Coastal Commission Matters. Coastal Commission Special Studies Series. Land Law Section and Public Resources Section -- California Attorney General's Office. Los Angeles, CA. 111 pp. Appendices. 1977.

This manual is designed to assist in determining when the public has acquired the right of access to the sea through use. Includes several state cases.

PUBLIC ACCESS; LAWS AND LEGISLATION; ISSUES/PROBLEMS

03-015 California. California Coastal Commission.

District Interpretive Guidelines, North Central Coast District; Sonoma, Marin, San Francisco Counties. California Coastal Commission. January 1978.

These Interpretative Guidelines were adopted by the California Coastal Commission to supplement the Statewide Guidelines originally adopted on May 3, 1977. Both district and statewide guidelines, pursuant to Section 30620(b) of the Coastal Act are "designed to assist local governments, the commission, and persons subject to the provisions of this chapter in determining how the policies of the division shall be applied in the coastal zone prior to certification of local coastal programs."

STATE-LOCAL COORDINATION; GOALS/OBJECTIVES; PROGRAM DEVELOPMENT

03-016 California. Coastal Zone Conservation Commission.

Identification of Seismic Related Hazards in the Coastal Zone and 1978 Addendum. Sage, O., and C. Sage. Multi-pp. July 1977 and 1978 Addendum.

This report locates selected geologic hazards in the coastal zone and will aid in determining which areas of the coastal zone are least suited for critical facilities such as power plants. The constraint criteria discussed in this report focus on the siting and design of nuclear power plants; however, the bulk of the report consists of a discussion of geologic hazards and a compilation of data on their locations in the coastal zone that is relevant to the siting and design of other critical facilities. The addendum updates the map and text portions of the 1977 report based on new

03-016 California. Coastal Zone Conservation Commission. (continued)

geotechnical information generated through June 1978; in addition, corrections and refinements have been made based on review comments by other interested organizations.

NATURAL HAZARDS; FACILITY SITING

03-017 California. California Interagency Task Force.

Report of the California Interagency Tanker Task Force. California Resources Agency. Sacramento, CA. 82 pp. October 1978. (CZIC)

This document draws together information on tanker traffic and operation in order to aid tanker safety and pollution abatement. Three major categories cover tanker operations, terminal and port operations and oil spill cleanup and liability.

SHIPPING; NAVIGATION; OIL POLLUTION/EFFECTS; OIL SPILL PREVENTION; PORTS/ WATERFRONTS

03-018 California. California Coastal Commission.

District Interpretive Guidelines, South Central Coast District. California Coastal Commission. Multi-pp. November 1978.

These Interpretive Guidelines were adopted by the California Coastal Commission to supplement the statewide guidelines originally adopted on May 3, 1977. Both regional and statewide guidelines, pursuant to Section 30620(b) of the Coastal Act, are "designed to assist local governments, the regional commissions, the commission, and persons subject to the provisions of this chapter in determining how the policies of the division shall be applied in the coastal zone prior to certification of local coastal programs."

STATE-LOCAL COORDINATION; GOALS/OBJECTIVES; PROGRAM DEVELOPMENT

03-019 California. California Coastal Commission and Santa Monica Mountains Comprehensive Planning Commission.

Cumulative Impacts of Potential Development in the Santa Monica Mountains Coastal Zone. Williams, C. S. 68 pp. November 1978.

This study analyzes the "cumulative" impacts of potential development in the portion of the Santa Monica Mountains within the Coastal Commission's jurisdiction (excluding Los Angeles City) on Coastal Commission policies regarding intensity of development in the coastal zone. The focus of this study is on the "cumulative" adverse effects of potential development and should provide guidance for future Coastal Commission actions regarding land divisions in the study area. Maps are included in the study.

03-019 California. California Coastal Commission and Santa Monica Mountains Comprehensive Planning Commission. (continued)

DEVELOPMENT; LAND/WATER USE; PLANNING/MANAGEMENT

03-020 California. California Coastal Commission.

Wave Damage Along the California Coast, Winter 1977-78. California Coastal Commission. CA. 61 pp. December 1978.

This report is based on a study of storm wave conditions for the winter of 1977-1978, wave damages, and the government response to these conditions. Included in this report are the following: description of storm conditions, documentation of wave damages and costs at selected sites along the California coast, conclusions, recommendations, and appendices.

EROSION/SEDIMENTATION; NATURAL HAZARDS; CLIMATE/WEATHER

03-021 California. Office of Coastal Zone Management and the California Coastal Commission.

Work Program--Local Coastal Program (City of Los Angeles). Los Angeles Department of City Planning. Los Angeles, CA. Multi-pp. December 1978.

Identification of city coastal planning issues and tasks to resolve them.

ISSUES/PROBLEMS; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; STATE-LOCAL COORDINATION

03-022 California. California Coastal Commission and Santa Monica Mountains Comprehensive Planning Commission.

Cumulative Impacts of Small Lot Subdivision Development in the Santa Monica Mountains Coastal Zone. McClure, R. and Santa Monica Mountains Comprehensive Planning Commission. CA. 80 pp. Appendices. January 1979.

This report provides information to the Coastal Commission for use in the permit approval process regarding the Santa Monica Mountains, which are in the designated coastal zone under jurisdiction of the Coastal Commission. The study examines those factors identified by the Coastal Act of 1976 and the California Coastal Commission as significant areas of concern, and looks at how the build-out of small-lot subdivisions will impact those factors. The study considers both cumulative and specific impacts that might arise from further development. The major impacts considered are: traffic and its impact on coastal access, water quality, fire hazard, landform alteration (grading), and flooding.

DEVELOPMENT; ISSUES/PROBLEMS; PERMITS; REGIONAL IMPACT; FLOODS/FLOODING; PUBLIC ACCESS; WATER QUALITY

03-023 California. California Coastal Commission.

District Interpretive Guidelines, Central Coast District, Santa Cruz and Monterey. California Coastal Commission. Multi-pp. January 1979.

These Interpretive Guidelines were adopted by the California Coastal Commission to supplement the statewide guidelines originally adopted on May 3, 1977. Both district and statewide guidelines, pursuant to Section 30620(b) of the Coastal Act, are "designed to assist local governments, the commission, and persons subject to the provisions of this chapter in determining how the policies of the division shall be applied in the coastal zone prior to certification of local coastal programs."

REGIONAL IMPACT: STATE-LOCAL COORDINATION; PROGRAM DEVELOPMENT

03-024 California. California Coastal Commission (Coastal Energy Impact Program).

Risk Management Phase 1 Study: Hazardous Materials Inventory. Long Beach Harbor Dept. Long Beach, CA. Multi-pp. July 1979.

Risks in the Port of Long Beach are identified. A hazardous materials inventory was produced and used to develop a risk management program and improve safety in the port.

ENERGY TRANSPORTATION/STORAGE; PORTS/WATERFRONTS; SHIPPING

03-025 California. California Coastal Commission.

Economic Considerations of California Coastal Agriculture: An Analysis of Feasibility, Acreage Requirements, and Dual Land Use for Selected Crops and Geographic Areas. Goldman, G. and D. Strong. 67 pp. August 1979.

Study attempts to determine the minimum acreage necessary for agricultural viability. Data examined include soil quality and depth, slope of the land, directional exposure of the slope, climate, and water availability. Commodities discussed vary from cattle grazing to greenhouses; the geographic area extends from Mendocino County to the Mexican Border.

ECONOMICS; AGRICULTURE; SOCIOECONOMICS; VEGETATION; CLIMATE/WEATHER; EROSION/SEDIMENTATION

03-026 California. California Coastal Commission.

State of California Comments on Proposed Five-Year OCS Leasing Schedule Submitted by Governor Edmund G. Brown, Jr. to Secretary of the Interior Cecil Andrus. California Coastal Commission and California State Office of Planning and Research. Multi-pp. September 1979.

Provides comments on proposed OCS activities including a suggested

03-026 California. California Coastal Commission. (continued)

balancing of environment and production, refinery capacity, past state policies.

OCS; FEDERAL-STATE COORDINATION; FEDERAL AGENCIES; PETROLEUM INDUSTRY

03-027 California. California Coastal Commission.

Staff Recommendations on Revisions to the Commission Designation of Coastal Areas Where Power Plants Would be Inconsistent with Coastal Act Objectives. 24 pp. Appendices. Maps. September 1979.

Final staff recommendations on the 1980 biennial revisions to power plant designations. Report revises findings for 161 maps of the California coastal zone which designate coastal areas where the siting of power plants would be inconsistent with Coastal Act objectives.

ENERGY; ENERGY FACILITY SITING; FEDERAL CONSISTENCY

03-028 California. California Coastal Commission (Coastal Energy Impact Program).

Oil Spill Contingency Planning in Orange County. City of Luguna Beach, Laguna Beach, CA. 32 pp. October 1979.

The plan assesses public and private oil spill mitigation capabilities, analyzes coastal resources sensitivity to oil intrusion, and makes recommendations to improve Orange County's oil spill response planning.

ENERGY IMPACTS; OIL AND GAS; OIL POLLUTION/EFFECTS

03-029 California. California Coastal Commission.

San Dieguito Lagoon Resource Enhancement Program. City of Del Mar and State Coastal Conservancy. December 1979.

A plan for the restoration and enhancement of a coastal wetland in San Diego County. Provides resource assessment with plans for preservation of wildlife habitat, open space, recreation and visual amenities.

LAND/WATER USE; PLANNING/MANAGEMENT; WETLANDS; RESOURCE PROTECTION

03-030 California. California Coastal Commission.

Stream and Lagoon Channels of the Los Penasquitos Watershed with an Evaluation of Possible Effects of Proposed Urbanization. Prestegaard, K. A. 17 pp. Appendix. 1979.

03-030 California. California Coastal Commission. (continued)

Describes channel morphology and flow capacity of the present lagoon and ephemeral stream channels in the drainage area. Predicts the effects of proposed urban developments on flood flows, sediment distribution, and channel morphology.

FLOODPLAIN; URBAN AREAS; EROSION/SEDIMENTATION; FLOODS/FLOODING; WATER RESOURCES

03-031 California. California Coastal Commission (Coastal Energy Impact Program).

Energy Facility Siting Plan for the Nipomo Dunes System.

Vol. 1: Mussel Rock Unit. Envicom Corporation. Santa Barbara County. Santa Barbara, CA. Multi-pp. July 1980.
Vol. 2: Guadalupe Dunes System. Envicom Corporation. San Luis Obispo County. San Luis Obispo, CA. Multi-pp. 1980.

A resource management plan for the portion of the Nipomo Dunes system within Santa Barbara County (Vol. 1) and San Luis Obispo County (Vol. 2) was developed and policies of the plan were incorporated into each county's Local Coastal Program. Plan shows where development can and cannot go, and under what conditions it can take place. It includes siting strategies, performance standards, and other mitigation measures for allowing onshore oil drilling. Policies also provide for the protection of sensitive habitat areas.

BEACHES/DUNES; CRITICAL AREAS; RESOURCE PROTECTION; ENERGY FACILITY SITING; ENERGY IMPACTS

03-032 California. California Coastal Commission.

District Interpretive Guidelines for South Coast District (Orange County). California Coastal Commission. CA. 19 pp. Appendices. October 1980.

The Orange County Interpretive Guidelines were adopted by the California Coastal Commission to supplement the statewide guidelines of May 3, 1977. These district guidelines, as well as the statewide guidelines, pursuant to Section 30620(b) of the Coastal Act, are "designed to assist local governments, the commission, and persons subject to the provisions of this chapter in determining how the policies of this division shall be applied in the coastal zone prior to certification of local coastal programs."

STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT

03-033 California. California Coastal Commission.

Regional Interpretive Guidelines, South Coast Region, Los Angeles County. 17 pp. Appendix. October 1980.

03-033 California. California Coastal Commission. (continued)

Guidelines supplement the Statewide Guidelines and aid in determining how policies are applied in the coastal zone prior to certification of local coastal programs.

STATE-LOCAL COORDINATION; PROGRAM DEVELOPMENT; REGIONAL IMPACT

03-034 California. California Coastal Commission.

Standards and Recommendations for Coastal Access. CA Coastal Commission and State Coastal Conservancy. CA Coastal Commission. San Francisco, CA. 16 pp. October/November 1980.

This report was prepared in response to State Assembly Bill 989 which established California's Coastal Access Program. The report focuses on the physical aspects of the access problem such as accessway, trails, support facilities and hostels. It also discusses the benefits of and need for increased access to the coast, and guides public agencies in development and management of access facilities.

PUBLIC ACCESS; RECREATION/TOURISM

03-035 California. California Coastal Commission.

Coastal Commission Biennial Report: 1979-1980. California Coastal Commission. 32 pp. 1980. (CZIC)

Discusses the issues faced and accomplishments of the commission. The main focus of attention was on the review and approval of local coastal programs. Additional issues addressed were: port master plans, energy development and coastal permitting.

PROGRAM DESCRIPTION; ISSUES/PROBLEMS; PERMISSIBLE USES; PERMITS/PERMITTING; ENERGY

03-036 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Cayucos and Cypress Mountain 7.5 minute Quadrangles, San Luis Obispo County, CA. Kilbourne, R. T. and L. Mualchin. CA Division of Mines and Geology. Sacramento, CA. 48 pp. Maps. 1980.

Fourteen categories of geologic information of importance to planning and zoning are documented in this report including earthquake faults, groundshaking, liquefaction, flood plains, mineral deposits, and unique geologic features. The report will aid in considering this region for the siting of energy and other facilities in the future.

COASTAL RESOURCES; FLOODS/FLOODING; GEOLOGICAL HAZARDS AREAS; NATURAL

03-036 California. California Coastal Commission (Coastal Energy Impact Program). (continued)

HAZARDS; ENERGY FACILITY SITING

03-037 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Eureka and Fields Landing 7.5 minute Quadrangles, Humbolt County, CA. Kilbourne, R. T., Mualchin, L. and G. J. Saucedo. CA Division of Mines and Geology. Sacramento, CA. 48 pp. Maps. 1980.

Eighteen categories of geologic information of importance to planning and zoning are documented in this report, including earthquake faults, ground-shaking, unstabilized sand dunes, liquefaction, beach erosion, flood plains, mineral deposits, and unique geologic features. The report will aid in considering this region for siting of energy and other facilities in the future.

BEACHES/DUNES, COASTAL RESOURCES; EROSION/SEDIMENTATION; GEOLOGICAL HAZARDS AREAS; NATURAL HAZARDS; ENERGY FACILITY SITING

03-038 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Imperial Beach 7.5 minute Quadrangle, San Diego, County, CA. Bushnell, M. M., Mualchin, L., and R. T. Kilbourne. CA Division of Mines and Geology. Sacramento, CA. 52 pp. Maps. 1980.

The Imperial Beach quadrangle is vulnerable to geologic hazards which include earthquake effects of ground rupture, shaking, and liquefaction, slope instability in areas of existing landslides, poorly consolidated sediments, and eroding shorelines, and flood hazards caused by rains, dam failure, and tsunami. These hazards are discussed and mapped, as are significant natural mineral resources. The quadrangle is located within the California coastal area at the Mexican border. The report will aid in considering this region for the siting of energy and other facilities in the future.

COASTAL RESOURCES; EROSION/SEDIMENTATION; FLOODS/FLOODING; GEOLOGICAL HAZARDS AREAS; NATURAL HAZARDS; ENERGY FACILITY SITING

03-039 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Marina and Salinas 7.5 minute Quadrangles, Monterey County, CA. Kilbourne, R. T. and L. Mualchin. CA Division of Mines and Geology. Sacramento, CA. 59 pp. Maps. 1980.

Fourteen categories of geologic information of importance to planning and zoning are documented including: faults, earthquakes, liquefaction, flood plains, beach erosion, and mineral deposits. It will aid in considering this region for the siting of energy or other facilities in the future.

03-039 California. California Coastal Commission (Coastal Energy Impact Program). (continued)

BEACHES/DUNES; FLOODS/FLOODING; EROSION/SEDIMENTATION; GEOLOGICAL HAZARDS AREAS; NATURAL HAZARDS; ENERGY FACILITY SITING

03-040 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Guadalupe and Point Sal 7.5 minute Quadrangles, Santa Barbara and San Luis Obispo Counties, CA. Kilbourne, R. T. and L. Mualchin. CA Division of Mines and Geology. Sacramento, CA. 49 pp. Maps. 1980.

Fourteen categories of geologic information of importance to planning and zoning are documented including: sand dunes, landslides, faults, flood plains, groundwater aquifer recharge, and unique geologic features. This report will aid in considering this region for the siting of energy or other facilities in the future.

BEACHES/DUNES; FLOODS/FLOODING; EROSION/SEDIMENTATION; GEOLOGICAL HAZARDS AREAS; NATURAL HAZARDS; ENERGY FACILITY SITING

03-041 California. California Coastal Commission (Coastal Energy Impact Program).

County of Los Angeles Oil Spill Contingency Plan. Los Angeles County Department of Beaches. Los Angeles, CA. Multi-pp. 1980.

A local oil spill contingency plan was developed to function in coordination with state and national plans. Shoreline access and priorities for shoreline protection are detailed.

ENERGY IMPACTS; OIL AND GAS; OIL POLLUTION/EFFECTS; STATE-LOCAL COORDINATION

03-042 California. California Coastal Commission and State Coastal Conservancy.

Innovative Management and Funding Techniques for Coastal Accessways. CA Coastal Commission and State Coastal Conservancy. San Francisco, CA. 34 pp. Appendices. January 1981.

This report proposes new concepts which build on established methods of management and funding techniques for the operation and maintenance of coastal accessways in California and elsewhere. The public and private sectors are encouraged to work with beach operators in California and learn from the experiences of agencies responsible for the California coast.

PUBLIC ACCESS; PUBLIC PARTICIPATION; RECREATION/TOURISM

03-043 California. California Coastal Commission.

Oil Spill Response Capability Study, Phase 1: Clean Seas. CA Coastal Commission. San Francisco, CA. Multi-pp. April 1981.

This report is the first phase of a study that will evaluate the capabilities of all the oil spill cleanup cooperatives along the California coast. This phase covers the Clean Seas cooperative in Santa Barbara. It examines their cleanup capability and effectiveness, oil spill planning procedures, and the Cooperative's written response to hypothetical oil spills. It also provides information on state-of-the-art oil spill containment and equipment, as well as a description of federal, state, and local government responsibilities in the event of an oil spill.

ENERGY IMPACTS; OIL POLLUTION/EFFECTS; OIL SPILL PREVENTION; PETROLEUM INDUSTRY

03-044 California. California Coastal Commission (Coastal Energy Impact Program).

Santa Barbara Channel Risk Management Program. Maritime Research Center. CA Coastal Commission. Kings Point, NY. Multi-pp. April 1981.

Study analyzed safety problems associated with offshore energy development and maritime vessel traffic. The report addresses conflicts between fixed structures and vessels, and uses computer simulation to chart behavior of vessel operators approaching various structures.

ENERGY IMPACTS; NAVIGATION; OCS

03-045 California. California Coastal Commission (Coastal Energy Impact Program).

Risk Management Plan: An Amendment to the Port Master Plan. Los Angeles Harbor Department. Los Angeles, CA. Multi-pp. April 1981.

Risks in the Port were identified and addressed. This plan became part of the Port's Master Plan.

ENERGY TRANSPORTATION/STORAGE; PORTS/WATERFRONTS; SHIPPING

03-046 California. California Coastal Commission.

South Coast District Interpretive Guidelines, Los Angeles County, Malibu-Santa Monica Mountains. 52 pp. Adopted June 1981.

Guidelines designed to interpret the policies of Chapter 3 of the Coastal Act as applied to permit application for development in the area prior to certification of the County's Local Coastal Program.

PLANNING/MANAGEMENT; PERMITS/PERMITTING; PERMISSIBLE USES; DEVELOPMENT;

03-046 California. California Coastal Commission. (continued)

STATE-LOCAL COORDINATION

03-047 California. California Coastal Commission.

Coastal Energy Development: The California Experience. CA Coastal Commission. San Francisco, CA. 133 pp. September 1981.

This handbook is based on the California Coastal Act and is primarily intended for local governments with coastal development permit authority to help them manage coastal energy development. It explains what local governments' responsibilities are under the Coastal Act, which energy facilities and activities fall under their permit authority, how Local Coastal Programs will be used in siting coastal energy facilities, and what kinds of energy facilities are subject to appeal under the Coastal Act. It also explains how the Coastal Commission has decided on similar appeals in the past, and how the Commission has handled issues where local governments are involved but have no direct permit authority.

ENERGY; ENERGY FACILITY SITING; OIL AND GAS; PERMITS/PERMITTING; PLANNING/MANAGEMENT; POLICY FORMULATION/EVALUATION; PROGRAM DESCRIPTION; STATE-LOCAL COORDINATION

03-048 California. California Coastal Commission.

District Interpretive Guidelines, North Coastal District, Shelter Cove, Humbolt County. CA Coastal Commission. San Francisco, CA. 9 pp. October 1981

These Interpretive Guidelines were adopted by the CA Coastal Commission to supplement the statewide guidelines originally adopted on May 3, 1977. Both District and Statewide guidelines, pursuant to Section 30620(b) of the Coastal Act, are "designed to assist local governments, the commission, and persons subject to the provisions of this chapter in determining how the policies of the division shall be applied in the coastal zone prior to certification of local coastal programs."

PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

03-049 California. California Coastal Commission.

Statewide Interpretive Guidelines. CA. Coastal Commission. San Francisco, CA. 98 pp. December 1981.

These guidelines were adopted by the Coastal Commission to assist local governments and the Commission in applying various Coastal Act policies to permit decisions prior to certification of local coastal programs. The guidelines cover blufftop development, view protection, public trust lands, siting

03-049 California. California Coastal Commission. (continued)

of new development, public access, wetlands, and archaeology.

ISSUES/PROBLEMS; RESOURCE PROTECTION

03-050 California. California Coastal Commission (Coastal Energy Impact Program).

Geology for Planning: Crescent City and Sister Rocks 7.5 minute Quadrangles, Del Norte County, CA. Kilbourne, R. T. and L. Mualchin. CA Division of Mines and Geology. Sacramento, CA. 48 pp. Maps. 1981.

Seventeen categories of geologic information of importance to planning and zoning are documented including: faults, earthquakes, groundshaking, landslides, liquefaction, flood plains, shoreline stability, mineral deposits and significant geologic features. This report will aid in considering this region for the siting of energy or other facilities in the future.

BEACHES/DUNES; FLOODS/FLOODING; EROSION/SEDIMENTATION; GEOLOGICAL HAZARDS AREAS; NATURAL HAZARDS; ENERGY FACILITY SITING; COASTAL RESOURCES

03-051 California. California Coastal Commission and State Coastal Conservancy.

The Affordable Coast: A Citizen Guide to California Coastal Accessway Management. CA Coastal Commission and State Coastal Conservancy. San Francisco, CA. 104 pp. January 1982.

This handbook demonstrates how nonprofit groups and users of the coast can manage coastal facilities. The handbook provides information on basic organizing techniques for volunteers, examples of programs already successful in the coastal zone and elsewhere, and public and private resources to support citizen access projects and programs.

PUBLIC ACCESS; RECREATION/TOURISM; PUBLIC PARTICIPATION

03-052 California. California Coastal Commission.

Annual Progress Report on the Coastal Access Program. CA Coastal Commission and State Coastal Conservancy. San Francisco, CA. Multi-pp. January 1982.

Annual report describes progress in providing the public with increased access to and along the California shore.

PUBLIC ACCESS; RECREATION/TOURISM; PROGRAM DESCRIPTION; PROGRAM MONITORING/EVALUATION

03-053 California. California Coastal Commission.

California Coastal Act of 1976, as amended February 1982. CA Coastal Commission. San Francisco, CA. Multi-pp. February 1982.

This legislation, based on the California Coastal Plan recommendations which provide for the conservation and development of California's coastline, in the enabling legislation for the Coastal Commission and the State's coastal zone management program.

LAWS AND LEGISLATION; PROGRAM DESCRIPTION; COASTAL RESOURCES; SPECIAL AREAS MANAGEMENT

03-054 California. California Coastal Commission (Coastal Energy Impact Program).

Oxnard Beach Wetlands Public Access Study. Taketa Associates, Inc. and WESTEC Services, Inc. City of Oxnard. Oxnard, CA. 106 pp. April 1982.

Alternatives for controlling public access, especially off-road vehicles, in sensitive wetlands and dunes areas were studied and selected.

BEACHES/DUNES; CRITICAL AREAS; PUBLIC ACCESS; RECREATION/TOURISM; SPECIAL AREAS MANAGEMENT; WETLANDS

03-055 California. California Coastal Commission.

California Administrative Code: Title 14. CA Coastal Commission. San Francisco, CA. Multi-pp. 1982.

Title 14 includes regulations governing coastal development permits, permit appeals, local coastal programs, and California Coastal Commission procedures.

PERMITS/PERMITTING; PROGRAM DESCRIPTION

03-056 California. California Coastal Commission and State Coastal Conservancy.

Designing Accessways: Coastal Access Standards Element of the California Recreation Plan. CA Coastal Commission, State Coastal Conservancy and Dept. of Parks and Recreation. San Francisco, CA. Multi-pp. 1982.

This manual has been prepared as a detailed reference source for local governments, private organizations, and individuals charged with fulfilling the public's right to get to and use California's shoreline. It provides an introduction to the development of coastal access facilities. It gives recommended dimensions, design, and important critria for construction and maintenance, as well as new design ideas and current cost information.

PUBLIC ACCESS; RECREATION/TOURISM

03-057 California. California Coastal Commission. Coastal Energy Impact Program.

Port of Los Angeles Harbor Development Projects. 13 pp. No Date.

Presents plans and projects for port expansion in an effort to attract financial assistance. Projects needing funding include container transfer facility, commercial fishing facilities redevelopment, recreational facilities development, oil terminal expansion, and creation of a foreign trade statistical information system.

PORTS/HARBORS; FACILITY SITING; DEVELOPMENT; INDUSTRY COMMERCE

03-058 California. California Coastal Commission.

California Coastal Commission Recommendations to the State Legislature on Adjustments to the Coastal Boundary. California Coastal Commission. 69 pp. Appendices. No Date.

Discusses proposed adjustments to the inland boundary of the coastal zone. Apendices include maps, a history of the affected area and a discussion of the resources, access and relevant Coastal Act policies.

BOUNDARIES; PUBLIC ACCESS; PLANNING/MANAGEMENT

03-059 California. California Coastal Commission.

Local Coastal Program Status Report. CA Coastal Commission. San Francisco, CA. Multi-pp. No Date (Quarterly).

Each of the 67 counties, cities, and major port districts within the California coastal zone are mandated by the Coastal Act of 1976 to prepare Local Coastal Programs (LCP's), including Land Use Plans (Phase 2) and implementing zoning ordinances (Phase 3). As of June 1982, twelve local governments have completed LCP's. In addition, 68 cities, counties, or segments of cities and counties have certified Land Use Plans. This quarterly report details local government and Commission progress on LCP's. Completed plans are available from the local governments.

PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; STATE-LOCAL COORDINATION

04-001 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Coastal Areas of Particular Concern: Part I, Eleven State Approaches; Part II, An Approach for Connecticut. Hess, D. E. Hartford, CT. Multi-pp. August 1975. (CZIC)

Provides a summary of eleven state administrative approaches to designating and managing geographic areas of particular concern as provided for in the Coastal Zone Management Act of 1972. States reviewed include California, Delaware, Florida, Illinois, Maine, Maryland, New York, North Carolina, Oregon, Rhode Island, and Washington. Based on noteworthy features of these programs, recommendations are made for Connecticut's coastal area management program's element as areas of particular concern.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PROGRAM DEVELOPMENT; COASTAL RESOURCES

04-002 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

A review of the Administration of Coastal Regulatory Programs and A Memorandum on the Constitutional Limits of the Police Power. Bosworth, S. R. Planning Report Number 4. Hartford, CT. 66 pp. August 1975. (CZIC)

Presents information on existing regulatory programs and on current court decisions regarding police power regulation. The report describes and evaluates the effectiveness of state centralized permit programs, state regional/local permit systems, and local zoning systems. The constitutional limits of these regulatory programs are reviewed in light of specific court decisions. An appendix summarizes permit activity (applications, denial, time lag, etc.) in nine states.

PERMITS/PERMITTING; GROWTH; ZONING; STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT

04-003 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Coastal Area Management: A Look at Issues and Alternatives. Southeastern Connecticut Regional Planning Agency. Hartford, CT. 41 pp. Appendices. October 1975.

Presents the findings, conclusions and recommendations of a pilot study to recommend policies, programs and procedures by which local government and regional planning agencies could be effectively involved in coastal area management processes. The text reviews major issues in coastal management, models for management, and conclusions and policy options. Extensive appendices include background reports on choosing inland boundaries for the coastal zone, ecological considerations, jurisdictional problems, the role of public

04-003 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

policy, and case studies.

STATE-LOCAL COORDINATION; ISSUES/PROBLEMS; PROGRAM DEVELOPMENT; PLANNING MANAGEMENT; BOUNDARIES; COASTAL RESOURCES; BEACHES/DUNES; WETLANDS; ESTUARIES; FLOODS/FLOODING; LAWS AND LEGISLATION

04-004 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

An Analysis of Federal Regulations Relating to Management System Approval Under the Coastal Zone Management Act of 1972. Kaufman, A. H. Planning Report Number 2. Hartford, CT. 23 pp. November 1975. (CZIC)

Discusses the state Coastal Zone Management Program requirements as set forth in the enabling Federal legislation (Coastal Zone Management Act of 1972). Discusses both procedural and substantive requirements.

PROGRAM DEVELOPMENT; LAWS AND LEGISLATION; PLANNING/MANAGEMENT

04-005 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

An Analysis of Pending Federal Legislation Affecting Coastal Zone Management. Kaufman, A. H. Planning Report Number 3. Hartford, CT. 81 pp. November 1975. (CZIC)

Presents a review and analysis of proposed amendments to the Coastal Zone Management Act and the Outer Continental Shelf Lands Act presently before the U.S. Senate and the U.S. House of Representatives.

LAWS AND LEGISLATION

04-006 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

A Review of Existing Coastal Zone Management Programs and Recommendations for the Connecticut Coastal Management Systems. Kaufman, A. H. Planning Report Number 5. Hartford, CT. 25 pp. November 1975. (CZIC)

Provides a comparative analysis of current coastal management legislation and programs in seven states other than Connecticut and suggestion components in a future system for Connecticut's Coastal Zone Management Program. The document reviews key provisions embodied in the laws and observes management system patterns. Major sections examine jurisdiction and scope of application; permitting licensing processes; planning and enforcement and review.

04-006 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; LAWS AND LEGISLATION; PERMITS/PERMITTING

04-007 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Developer's Handbook. Carroll, A. Hartford, CT. 60 pp. 1975. (CZIC)

Provides basic information and advice through drawings and words on subdivision planning. Opportunities and limitations imposed by the existing natural systems and resources of Connecticut are discussed as are the state's Department of Environmental Protection's regulatory programs. A separate chapter is devoted to outlining a system of evaluating characteristics such as slope, visual features, water table levels, depth to bedrock and earth materials at potential development sites.

DEVELOPMENT; LAND/WATER USE; ENGINEERING

04-008 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Administrative Alternatives in Siting Facilities of Regional Benefit. Planning Report #7. Backstrom, T. Multi-pp. August 1976.

Outlines a strategy for meeting the Coastal Zone Management Act's requirement that facilities of regional benefit or national interest are not "unreasonably" restricted or excluded from the coastal area (not available).

FACILITY SITING; NATIONAL INTEREST; REGIONAL IMPACT

04-009 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Major Public and Private Interests in the Coastal Area: An Overview of the Present Management System. Planning Report #9. Krause, L. Multi-pp. August 1976.

Explores major interests in the coastal area and discusses their characteristics. Briefly discusses the many ways in which coastal interests interact, which comprises the present "coastal management" system. Special attention is given to government interest.

PLANNING/MANAGEMENT; FEDERAL AGENCIES; GOALS/OBJECTIVES; CONFLICTING USES

04-010 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Redevelopment and Reuse of Connecticut's Coast. Planning Report #10. Moore, D. Multi-pp. August, 1976.

Reviews the process of the redevelopment and reuse of urban areas (with particular reference to Connecticut's coastal area) in order to evaluate the extent to which this process could be incorporated into a coastal management plan.

DEVELOPMENT; URBAN AREAS; PROGRAM DEVELOPMENT; STATE-LOCAL COORDINATION

04-011 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

The Taking Issue and Environmental Regulation. Planning Report #19. Laager, J. Multi-pp. August 1976.

Discusses from a case law perspective, how Connecticut courts have treated the issue of taking without compensation when regulations reduce the usability of land (not available).

LAWS AND LEGISLATION; LAND/WATER USE; CONFLICTING USES

04-012 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

The Onshore Assessment of the Economic, Social and Environmental Impacts of OCS Facilities. Planning Report #22. Stockton, D. Multi-pp. August 1976.

The report attempts to assess the impacts that may be generated by the major facilities related to the Outer Continental Shelf petroleum development. Specifically considers the generic socioeconomic and environmental impacts associated with these facilities.

OCS; FACILITY SITING; SOCIOECONOMICS; CONFLICTING USES; REGIONAL IMPACTS

04-013 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Residential Associations in the Coastal Area. Planning Report #8. Krause, L. Multi-pp. December 1976.

Identifies sub-town residential associations in the coastal area whose members have significant control over the use and development of their area. Examines these associations' authority, their relationship to the town in which they are located, and their influence and impact on the State's coastal resources.

04-013 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

Suggests considerations for their role in a coastal management structure.

PUBLIC PARTICIPATION; STATE-LOCAL COORDINATION; DEVELOPMENT; REGIONAL IMPACT; LAND/WATER USE

04-014 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Cities and Towns of Connecticut: Their Contribution to an Effective Coastal Area Management Program. Planning Report #11. Brooks, R. Multi-pp. December 1976.

A summary of a series of in-depth reports (#12-#15) on participation at the local level in a shared state-local coastal management system. Summarizes legal and institutional obstacles to implementing such a system. Discusses various options for the local component and includes recommendations for both legal and administrative reforms for each set of options.

PUBLIC PARTICIPATION; STATE-LOCAL COORDINATION; LAWS AND LEGISLATION; ISSUES/ PROBLEMS

04-015 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Local Land Use Regulatory Alternatives Providing Localities with Simplified Procedures for Regulating Development. Planning Report #12. Brooks, R., and G. Kral. Multi-pp. December 1976.

This is a background report on the types of reform necessary for existing municipal land use regulatory programs to meet the requirement of an effective shared state-local management system. Discusses problems and shortcomings with existing procedures and analyzes both existing and proposed models as options for change.

STATE-LOCAL COORDINATION; PROGRAM DEVELOPMENT; LAND/WATER USE; URBAN AREAS

04-016 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

A Description and Assessment of the Existing System of Connecticut's Local Land Use Controls for Coastal Zone Management for Environmental Purposes. Planning Report #14. Brooks, R. Multi-pp. December 1976.

Describes and evaluates the existing system of land use regualtory controls at the municipal level for the purposes of a shared state-local management system. Focuses on existing municipal powers and their relationships to

04-016 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

other governmental powers and programs.

LAND/WATER USE; STATE-LOCAL COORDINATION; FEDERAL AGENCIES

04-017 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Applicability of Other State Approaches to Establishing Local Participation in Coastal Area Management. Planning Report #15. Brooks, R. Multi-pp. December 1976.

Describes the approaches other states have considered in implementing coastal management systems. The perspective is one of strong participation at the municipal level, and various methods of achieving coastal management goals and objectives through local regulation are analyzed.

GOALS/OBJECTIVES; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS

04-018 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

An Analysis of Local Wetland Regulation. Local Regulation of "Inland Wetlands" in Connecticut. A Prototype "Management Program" under the Coastal Zone Management Act of 1972. Brenneman, R. L. Planning Report #6. Hartford, CT. 76 pp. Appendices. 1976. (CZIC)

Explores (1) the history of the process of adopting local inland wetlands regulations in Connecticut; (2) the legislative history of the "Inland Wetlands and Water Courses Act"; (3) the experiences implementing that law, and (4) the process of adoption of local wetlands regulations called for under the state Act. Strengths and weaknesses of local regulations are analyzed. A general review of the inland wetlands procedure as a prototype for a "management program" under the CZMA of 1972 is included.

WETLANDS; LAWS AND LEGISLATION; STATE-LOCAL COORDINATION PLANNING/MANAGEMENT

04-019 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Major Policy Options for State Involvement in Coastal Management. Planning Report #16. Cooper, P. Multi pp. January 1977.

Discusses major policy options for the participation in coastal management by the major state agencies. Analyzes the potential for resolution of conflicts between competing interests within the existing structure of state programs and suggests necessary modifications.

04-019 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

CONFLICTING USES; PROGRAM DEVELOPMENT

04-020 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Authority and Management Requirements Under the Coastal Zone Management Act. Planning Report #18. Kaufman, A. Multi-pp. February 1977.

Assess existing land and water use regulation in the context of determining the state's ability to use existing statutory authority to create a coastal management system which meets the federal requirements. Existing deficiencies are discussed and recommendations are given.

LAND/WATER USE; FEDERAL CONSISTENCY; PROGRAM DEVELOPMENT

04-021 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Discussion Papers: Options and Recommendations. Planning Reports #20 and 21. Connecticut Coastal Area Management Program. Hartford, CT. Multi-pp. Report #20, April 1977. Report #21, May 1977.

Report #20 presents CAM's recommendations on: a management boundary; authority for implementing a management program; a procedure for designating areas of particular concern; and a method for determining permissible uses. Discusses in detail the requirements of the Federal Coastal Zone Management Act of 1972, the advantages and disadvantages of all the options considered, and the reasons for CAM's recommendations (not available). Report #21 outlines two additional components of the management program: coordination with state planning programs; and analysis of existing regulatory programs.

BOUNDARIES; PROGRAM DEVELOPMENT; GEOGRAPHICAL AREAS OF PARTICULAR CONCERN; PERMISSIBLE USES; LAWS AND LEGISLATION; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

04-022 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

A Citizens' Handbook to Coastal Area Management. Long Island Sound Task Force for Connecticut Coastal Area Management Program. Hartford, CT. 15 pp. June 1977. (CZIC)

04-022 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

Outlines preliminary recommendations of the Connecticut Coastal Area Management Program and Advisory Board and details descriptions of various choices which were considered along with specific federal guidelines as set forth in the Coastal Zone Management Act of 1972.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT

04-023 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Local Fiscal Impact Model, Part I: Theory. Planning Report #23. Stockton, D. Multi-pp. September 1977.

Designed to aid local decision-makers who must consider many factors when considering economic development within their community. Presents a systematic framework for the collection, estimation, and interpretation of the major local fiscal impacts generated by economic development.

STATE-LOCAL COORDINATION; ECONOMICS; DEVELOPMENT

04-024 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Local Fiscal Impact Model II: Application. Planning Report #24. Stockton, D. Multi-pp. September 1977.

Applies the local fiscal impact model outlined in Part I (Planning Report #23) to a recent small manufacturing development in Essex.

DEVELOPMENT; SOCIOECONOMICS; STATE-LOCAL COORDINATION

04-025 Connecticut. Department of Environmental Protection

Long Island Sound: An Atlas of Natural Resources. Connecticut Department of Environmental Protection. Coastal Area Management Program. Hartford, CT. 52 pp. Illust. December 1977. (CZIC)

A non-technical citizens' guide providing information about Long Island Sound and the Connecticut shorelands. Covers glacial history, physical oceanography, shoreline processes, natural systems, vegetation, benthos, fish, mammals, and more. Numerous illustrations and figures.

INFORMATION SYSTEMS; COASTAL RESOURCES; WILDLIFE; FISH/FISHERIES

04-026 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Recreational Demand, Opportunities and Limitations in Connecticut's Coastal Area. Planning Report #25. Schneider, M. Multi-pp. March 1978.

This report proposes a recreational planning process based on the evaluation of Connecticut's coastal resources and existing recreational facilities. Includes a statistical breakdown of shorefront usage and ownership and recommendations for recreational potential in keeping with Connecticut's existing statewide plan of outdoor recreation (SCORP).

RECREATION/TOURISM; ISSUES/PROBLEMS; GOALS/OBJECTIVES; PROGRAM DEVELOPMENT

04-027 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Report to the Legislature's Committee on Coastal Management. Planning Report #27. Multi-pp. September 1978.

A comprehensive document containing specific proposals for a shared state, local coastal area management program for Connecticut. The report contains information requested by the General Assembly in the 1978 session, a redraft of legislative proposals for a CAM program and several appendices including a boundary map, coastal site plan review advisory guidelines, coastal goals and policies and more.

PROGRAM DEVELOPMENT: STATE-LOCAL COORDINATION; BOUNDARIES: GOALS/OBJECTIVES; ISSUES/PROBLEMS

04-028 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Model Municipal Coastal Program. Planning Report #28. Coastal Area Management Staff. Multi-pp. January 1979.

The purpose of the model program is to illustrate the types of changes to current municipal plans and regulations that would be necessary to meet the purposes of local coastal management. The report provides a simple, hypothetical example of a municipal coastal program which is consistent with the criteria for coastal programs contained in recommended legislation submitted to the General Assembly by CAM program.

PROGRAM DEVELOPMENT; URBAN AREAS; LAWS AND LEGISLATION; FEDERAL CONSISTENCY

04-029 Connecticut. Department of Environmental Protection.

Connecticut's Draft Coastal Management Plan. Volume I and II. Connecticut Department of Environmental Protection. Coastal Area Management Program. Hartford, CT. Multi-pp. February 1979. (CZIC)

Volume I describes Connecticut's coastal environment, management issues and problems, goals and policies, boundaries, special management areas, special planning requirements, and public participation. Volume II contains Appendices A-L including legislation, advisory guidelines, coastal maps, federal navigation projects and other.

ISSUES/PROBLEMS; GOALS/OBJECTIVES; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT

04-030 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Shoreline Erosion Analysis and Recommended Planning Process. Planning Report #29. Coastal Area Management Staff. Hartford, CT. Multi-pp. June 1979.

A comprehensive document on shoreline erosion in Connecticut, including geologic history of the coastline and the physical breakdown of all the (seven) erosion districts along the coast and their composition. It also examines erosion control techniques and recommends a coordinated management approach to mitigation of shoreline erosion. Contains several maps and diagrams as well as a glossary.

EROSION/SEDIMENTATION; GEOLOGY; ISSUES/PROBLEMS; PLANNING/ MANAGEMENT; STATE-LOCAL COORDINATION

04-031 Connecticut. Department of Environmental Protection/Planning, Coastal Management.

Coastal Policies and Use Guidelines. C.A.M. Hartfort, CT. 194 pp. December 1979.

Comprehensive document outlining coastal policies, grouped in three basic categories: coastal land and water resource policies, coastal use policies, and government process policies. Under each subcategory, relevant definitions use guideline, technical resources (e.g. maps) and brief descriptions of uses or activities are included.

COASTAL RESOURCES; DEVELOPMENT; PERMISSIBLE USES; PLANNING/MANAGEMENT; GOALS/ OBJECTIVES; STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION

04-032 Connecticut. Department of Environmental Protection/Planning, Coastal Management.

From Byram Point to Barn Island: A Citizen's Guide to Connecticut's Coastal Management Program. Hartford, CT. 16 pp. April 1980.

A non-technical booklet which describes coastal management initiatives, the federal Coastal Zone Management Act of 1972, the establishment of Connectitut's Program, basic problems facing the Connecticut coast, the State Coastal Management Act and the major components of the program.

PROGRAM DESCRIPTION; GOALS/OBJECTIVES; COASTAL RESOURCES; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS

04-033 Connecticut. Coastal Area Management Program.

State of Connecticut Coastal Management Program and Final Environmental Impact Statement. Coastal Area Management Program and OCZM. Multi-pp. 1980.

Presents the complete coastal plan and EIS. Describes the coastal zone boundaries, management issues and problems, policies and use guidelines, legal authority, plan coordination and federal consistency.

PROGRAM DESCRIPTION; ISSUES/PROBLEMS; ENVIRONMENTAL IMPACT; FEDERAL CONSISTENCY; LAND/WATER USE; PERMISSIBLE USES

04-034 Connecticut. Department of Environmental Protection.

A History of Connecticut's Coast. Surowiecki, J. and E. McGrath. Tedone, D. (editor). Deep River, CT. 78 pp. Fall 1982.

Booklet describing changes in the CT coastline in the last 300 years. The book concentrates on the people who lived in the shore towns, on what events influenced their lives and on how they used the natural resources of the coast and the sound.

CULTURAL/HISTORICAL RESOURCES; GROWTH; EDUCATION; NATIVE AMERICANS; POPULATION

04-035 Connecticut. Department of Environmental Protection. Coastal Area Management Program.

Recommended Coastal Goals and Policies. Planning Report #26. Connecticut. Multi-pp. No Date.

Presents the proposed goals and policies for Connecticut's Coastal Area Management Program that will set the direction and framework for the program and will provide the basis for making predictable consistent and coordinated coastal management decisions at all government levels. The report also

04-035 Connecticut. Department of Environmental Protection. Coastal Area Management Program. (continued)

includes a listing of existing and needed statutory authority to implement goals and policies.

GOALS/OBJECTIVES; PROGRAM DEVELOPMENT; LAWS/LEGISLATION

05-001 Delaware. State Planning Office. Coastal Zone Management Program.

Proceedings of First Mid-Atlantic States Coastal Zone Workshop. August 21, 1974 at Dover, Delaware. Dover, DE. 26 pp. 1974. (CZIC)

Presents the proceedings of the first of a series of workshops on coastal zone management involving the states of Delaware, Maryland, New Jersey and Virginia. The text includes a brief review of each state's coastal zone management program and a summary of general discussion on citizen participation and establishing data requirements/information systems.

CONFERENCES/WORKSHOPS; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; PUBLIC PARTICIPATION; LAWS AND LEGISLATION; INFORMATION SYSTEMS

05-002 Delaware. State Planning Office. Coastal Zone Management Program.

Demographic and Economic Profile. Lewes CCD Pilot Study. Working Paper #1 Dover, DE. 18 pp. October 1975.

Presents a statistical summary of demographic and economic data related to the Lewes Census County Division and the communities of Lewes and Rehoboth Beach.

SOCIOECONOMICS; ECONOMICS; POPULATION; COASTAL INVENTORIES; STATISTICS

05-003 Delaware. State Planning Office. Coastal Zone Management Program.

Human Services and Resources Profile. Lewes CCD Pilot Study. Working Paper #4. Dover, DE. 21 pp. October 1975.

Presents a status report on selected public services located in or near the Lewes County Division. Services reviewed include health care, police, courts, education and others.

COASTAL INVENTORIES

05-004 Delaware. State Planning Office. Coastal Zone Management Program.

Transportation Facilities Profile. Lewes CCD Pilot Study. Working Paper #2. Dover, DE. 11 pp. October 1975.

Presents a general summary of existing transportation facilities in the Lewes CCD Pilot Study Area. Facilities reviewed include data on highways, rail facilities, airports, and marine facilities.

TRANSPORTATION; COASTAL INVENTORIES

05-005 Delaware. State Planning Office. Coastal Zone Management Program.

Delaware's Changing Shoreline. Lewes CCD Pilot Study. Working Paper #5. Dover, DE. 21 pp. Maps. November 1975.

Examines coastal geomorphology processes affecting Delaware's shoreline configuration. Identifies potential beach protection measures.

GEOLOGY; EROSION/SEDIMENTATION; BEACHES/DUNES; COASTAL WATERS; COASTAL INVENTORIES

05-006 Delaware. State Planning Office. Coastal Zone Management Program.

Coastal Storm Hazards. Lewes CCD Pilot Study. Working Paper #6. Dover, DE. 9 pp. November 1975.

Presents two brief case studies of storm damage along Delaware's coastal zone. The government's role and responsibilities toward flood hazards and damage are discussed.

NATURAL HAZARDS; FLOODS/FLOODING; CLIMATE/WEATHER

05-007 Delaware. State Planning Office. Coastal Zone Management Program.

Sewer and Water Facilities. Lewes CCD Pilot Study. Working Paper #3 Dover, DE. 9 pp. November 1975.

Summarizes the present status and future plans for the water and sewage services in Delaware's coastal communities.

COASTAL INVENTORIES; WATER QUALITY; POLLUTION

05-008 Delaware. State Planning Office. Coastal Zone Management Program.

Existing Land Use. Lewes CCD Pilot Study. Working Paper #7. Dover, DE. 3 pp. Map. December 1975.

Presents the results of a land use mapping and inventory project accomplished with remote sensing. Land use percentages are presented for the following categories: residential, commercial, industrial, agriculture, beaches, wetlands, and woodlands.

LAND/WATER USE; MAPS/MAPPING; REMOTE SENSING; COASTAL INVENTORIES

05-009 Delaware. State Planning Office. Coastal Zone Management Program.

Delaware's Coastal Zone Management Program. Dover, DE. Brochure. 1975.

05-009 Delaware. State Planning Office. Coastal Zone Management Program. (continued)

Presents a public information brief describing basic information about Delaware's coastal zone management program.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

05-010 Delaware. State Planning Office. Coastal Zone Management Program.

Groundwater Resources in Eastern Sussex County. Lewes CCD Pilot Study. Working Paper #8. Dover, DE. 14 pp. Maps. March 1976.

Summarizes groundwater-related information related to eastern Sussex County. Potential groundwater sources are reviewed and the problems of salt water intrusion and groundwater contamination are considered.

GROUNDWATER; WATER-RESOURCES; WATER QUALITY; COASTAL INVENTORIES

05-011 Delaware. State Planning Office. Coastal Zone Management Program.

Soils and Their Implications for Development. Lewes CCD Pilot Study. Working Paper #10. Dover, DE. 20 pp. Maps. March 1976.

Presents the results of a detailed soil survey of Sussex County. The survey presents information in a form to facilitate interpretations for planning and engineering purposes. Soils are classified into eight capability classes.

LAND/WATER USE; ENGINEERING; COASTAL INVENTORIES

05-012 Delaware. State Planning Office. Coastal Zone Management Program.

Critical Natural Areas Kent and Sussex Counties. Dover, DE. 184 pp. Maps. April 1976. (CZIC)

Presents an inventory of critical natural areas in portions of the state. Three major sections of the report: 1) list, locate, and describe critical natural areas in Kent and Sussex Counties; 2) identify exceptional scenic and natural vistas; and 3) evaluate the legal methods for preserving natural areas.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL INVENTORIES; COASTAL RESOURCES; AESTHETICS; LAWS AND LEGISLATION; PLANNING/MANAGEMENT

05-013 Delaware. State Planning Office. Coastal Zone Management Program.

Delaware's Changing Shoreline. South Coastal Sussex County. Dover, DE. 19 pp. April 1976. (CZIC)

Describes, in non-technical terms, the nature of the physical forces of the sea acting upon the shoreline, the effects of man's devices upon these forces, and the resulting configuration of Delaware's bay and ocean shorelines in Sussex County.

EROSION/SEDIMENTATION; GEOLOGY; CLIMATE/WEATHER

05-014 Delaware. State Planning Office. Coastal Zone Management Program.

Estuarine Plant and Animal Life. Lewes CCD Pilot Study. Working Paper #11. Dover, DE. 26 pp. May 1976.

Presents a non-technical discussion of coastal vegetation and animal life in the coastal zone. Describes habitat, distribution, and other similar ecological information for these coastal organisms.

VEGETATION; WILDLIFE; MARINE BIOLOGY; ENVIRONMENT

05-015 Delaware. State Planning Office. Coastal Zone Management Program.

Wetlands. Lewes CCD Pilot Study. Working Paper #9. Dover, DE. 32 pp. May 1976. (CZIC)

Identifies six coastal wetlands zones and describes their properties. A discussion of the impact of man's activities on the wetlands (e.g., dredging, filling, etc.) is included.

WETLANDS; DREDGING

05-016 Delaware. State Planning Office. Coastal Zone Management Program.

Delaware's Changing Shoreline. Technical Report No. 1. Kaft, J. C. Dover, DE. 319 pp. May 1976. (CZIC)

A description of the geology of Delaware's coastal zone, including the marine transgression to the present, littoral transport, holocene coastal environments and recommendations on research and planning.

GEOLOGY; PLANNING/MANAGEMENT; EROSION/SEDIMENTATION

05-017 Delaware. State Planning Office. Coastal Zone Management Program.

An Atlas of Delaware's Wetlands and Estuarine Resources. Daiber, F. C., et. al. University of Delaware. Newark, DE. 528 pp. June 1976. (CZIC)

A very detailed text (including maps, photographs, and descriptions) of the wetlands and estuaries of coastal Delaware. Includes life histories of most inhabitants and descriptions of relevant activities (dredging, bulkheading, oil pollution, thermal pollution, drainage patterns, and more).

WETLANDS; ESTUARIES; DREDGING; OIL POLLUTION/EFFECTS; CULTURAL/HISTORICAL RESOURCES

05-018 Delaware. State Planning Office. Coastal Zone Management Program.

Public Involvement (in) Delaware's Coastal Zone Management Program. Program overview and public review guidelines. Working Paper No. 1. Dover, DE. 8 pp. August 1976. (CZIC)

First in a series which will be issued to interested citizens and government officials so that they may actively and effectively participate in the development of the state coastal program.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT

05-019 Delaware. State Planning Office. Coastal Zone Management Program.

Public Involvement in Delaware's Coastal Zone Management Program. Coastal Zone Boundaries. Working Paper No. 2. Dover, DE. 33 pp. September 1976. (CZIC)

Presents draft elements of the coastal boundary of the state, including discussions on the methodology or procedure used to determine (preliminarily) the state "boundary."

BOUNDARIES; PROGRAM DEVELOPMENT

05-020 Delaware. State Planning Office. Coastal Zone Management Program.

Hydrology, Geology and Mineral Resources of the Coastal Zone of Delaware. Technical Report No. 3. Sundstrom, R. W., et. al. Dover, DE. 245 pp. September 1976. (CZIC)

Presents a catalog of geology (geologic history, aquifers, minerals, and problems), hydrology (water cycles, availability, chemistry of water, and more), and mineral (salt water intrusion, ground-water contamination) resources in the state coastal zone.

GEOLOGY; GROUNDWATER; WATER RESOURCES

05-021 Delaware. State Planning Office. Coastal Zone Management Program.

Public Involvement in Delaware's Coastal Zone Management. Geographic Areas of Particular Concern. Working Paper No. 3. Dover, DE. 17 pp. September 1976. (CZIC)

Third in a series of working papers addressing the process of selecting those areas in Delaware's coastal zone that are of particular concern to not only the residents or government of a locality where a resource is located but also the entire state.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; STATE-LOCAL COORDINATION; GOALS/ OBJECTIVES; PERMISSIBLE USES

05-022 Delaware. State Planning Office. Coastal Zone Management Program.

The Coastal Zone Management Methodology. (A Method for the Allocation of Land and Water Use.) Dover, DE. 24 pp. 1976.

Presents a two-step methodology for locating land and water uses. The first step analyzes the capacity of an area to tolerate the impact of a use and the second considers the capacity of an area to satisfy the functional requirements of a use. Application of the methodology is considered for the Delaware coastal zone management program.

LAND/WATER USE; PERMISSIBLE USES; DEVELOPMENT; FACILITY SITING; PROGRAM DEVELOPMENT

05-023 Delaware. State Planning Office. Coastal Zone Management Program.

The Impact of Seasonal Population State Services in the Beach Resort Areas of Delaware: A Preliminary Report on Selected State Services. Technical Report No. 5. Office Of Management, Budget and Planning. 34 pp. March 1977. (CZIC)

Includes the summaries of surveys which were compiled from state agencies by using a standard questionnaire. A list of agencies surveyed is included. Principal findings are presented as are some preliminary observations.

POPULATION; SOCIOECONOMICS

05-024 Delaware. State Planning Office. Coastal Zone Management Program.

Lewes CCD Pilot Study: A Unique Partnership for Coastal Management Planning: Summary Report. Dover, DE. Multi-pp. April 1977.

A report on the progress of the pilot study of methodologies developed for the allocation of land and water uses on coastal waters. Goal was to determine permissible land and water uses.

05-024 Delaware. State Planning Office. Coastal Zone Management Program. (continued)

LAND/WATER USE; PERMISSIBLE USES; GOALS/OBJECTIVES

05-025 Delaware. State Planning Office. Coastal Zone Management Program.

Public Involvement (in) Delaware's Coastal Zone Management Program. Federal State Interaction and the National Interest. Working Paper No. 5. Dover, DE. 39 pp. July 1977. (CZIC)

Sets forth Federal agency interests in Delaware's coastal areas: their land ownership, current activities and facilities, and their perspective on national interest as related to Delaware's coast.

FEDERAL CONSISTENCY; PUBLIC PARTICIPATION; NATIONAL INTEREST; FEDERAL AGENCIES

05-026 Delaware. State Planning Office. Coastal Zone Management Program.

Public Involvement (in) Delaware's Coastal Zone Management Program. Authorities and Organization. Working Paper No. 6. Dover, DE. 19 pp. September 1977. (CZIC)

Presents a narrative synopsis of the means which will be used to implement the program. Also identifies the laws and other authorities which are expressly part of the management program.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT; GOALS/OBJECTIVES

05-027 Delaware. Office of Management, Budget and Planning. Coastal Zone Management Program.

Coastal Storm Damage 1923-1974. Technical Report No. 4. Dover, DE. 442 pp. Maps. September 1977. (CZIC)

Presents data describing the frequency of coastal storms and an assessment of coastal flooding and storm damage. Also an assessment based on personal interviews and a series of conclusions and recommendations for future research needs, changes in public policy, and hurricane and coastal storm awareness activities.

CLIMATE/WEATHER; FLOODS/FLOODING; GOALS/OBJECTIVES; ISSUES/PROBLEMS; NATURAL HAZARDS

05-028 Delaware. Office of Management, Budget and Planning. Coastal Zone Management Program.

Public Involvement (in) Delaware's Coastal Zone Management Program. The National Interest in Resources and Facilities of the Delaware Coastal Zone. Working Paper No. 7. Homer, J. W. Dover, DE. 243 pp. March 1978. (CZIC)

Describes national, regional, and state interests in resources and facilities which were considered during program development. Also indicates how competing interests have been weighed and how such decisions are reflected in the state coastal plan.

PROGRAM DEVELOPMENT; STATE-LOCAL COORDINATION; CONFLICTING USES; GOALS/OBJECTIVES; FACILITY SITING

05-029 Delaware. Office of Management, Budget and Planning. Coastal Zone Management Program.

Proceedings of the Governor's Workshop on the Management of Shoreline Erosion and Flood Prone Areas. Dover, DE. 78 pp. March 1978. (CZIC)

Proceedings (including panel discussions and presentations) of a special workshop held March 6, 1978, on shoreline erosion issues in the state coastal zone. Problems, current approaches, and possible alternative solutions were presented.

CONFERENCES/WORKSHOPS; EROSION/SEDIMENTATION; ISSUES/PROBLEMS; REGIONAL IMPACT; GOALS/OBJECTIVES

05-030 Delaware. State Planning Office. Coastal Zone Management Program.

Draft Environmental Impact Statement and Proposed Coastal Management Program for the State of Delaware. Dover, DE. Multi-pp. March 1979. (CZIC)

Draft coastal plan and accompanying DEIS for Delaware.

PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; GOALS/OBJECTIVES;

05-031 Delaware. State Planning Office.

Redevelopment Potential of the Delaware Urban Waterfront. 113 pp. September 1979.

Develops a method of analysis of redevelopment potential to establish a basis for implementation, including site specific planning, design, engineering and construction plans for Delaware communities.

05-031 Delaware. State Planning Office. (continued)

PORTS/WATERFRONTS; PROGRAM DEVELOPMENT; RECREATION/TOURISM; INDUSTRY/COMMERCE

05-032 Delaware. State Planning Office.

Delaware Erosion and Sediment Control Handbook. Multi-pp. January 1980.

Provides guidelines and technical standards for development of local erosion and sediment control programs and conservation standards for coastal zone lands.

PROGRAM DEVELOPMENT; EROSION/SEDIMENTATION; CONSERVATION

05-033 Delaware. Coastal Management Program.

Delaware Coastal Management Program and Final Environmental Impact Statement. Coastal Management Program and OCZM. Multi-pp. March 1980.

Presents the state's coastal zone management program, its objectives, policies and management authority. Describes areas and uses subject to management and Federal consistency. FEIS is provided and presents probable impacts and mitigation measures.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; REGIONAL IMPACT; LAND/WATER USE; FEDERAL CONSISTENCY

05-034 Delaware. Office of Management, Budget and Planning.

Survey of Authorities Governing the Siting and Permitting of Natural Gas and Petroleum Pipelines. Olney, A. P. and C. Melchiorre. Multi-pp. April 1980.

Report identifies and summarizes pertinent Federal and state laws governing petroleum and natural gas pipelines. Considered are the jurisdictional scope of authorities, their objectives, procedures and sanctions.

LAWS & LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS; ISSUES/PROBLEMS; PERMISSIBLE USES

05-035 Delaware. Office of Management, Budget and Planning.

Recreational Potential of the Christina River, New Castle County, Delaware. 89 pp. June 1981.

Presents an evaluation of potential recreational activities on an urban river. Examines ownership of land, recreational policies, legal aspects of public use, and potential recreational areas and uses.

RECREATION/TOURISM; POLICY EVALUATION; PORTS/WATERFRONTS

06-001 Florida. Department of Natural Resources. Division of Management. Bureau of Coastal Zone Planning.

Inventory of Florida Coastal Zone Planning Publications. Volume I -- Coastal Counties and Cities; Volume II -- Multi-County Planning Districts; Volume III -- Statewide. Tallahassee, FL. 95, 24, and 15 pp. respectively (oversized). September 1975. (CZIC)

Volume I inventories those planning documents which have application to one of the 38 coastal counties or to any of the cities lying within the designated coastal zone. Volume II broadens the scope of jurisdictional application, and includes those planning publications with regional perspective (encompassing more than one county). Volume III inventories those relevant documents that focus either on the state as a whole or on areas that overlap planning district boundaries. Only documents of a planning/management nature are included. Resource surveys, EISs, biological studies, etc., which offer "no planning/management recommendations" are excluded. Regulatory codes are also excluded. Over 475 documents reviewed.

BIBLIOGRAPHY; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

06-002 Florida. South Florida Regional Planning Council.

Analysis of Coastal Ownership for Broward, Dade, Martin, Palm Beach, and St. Lucie Counties. Bureau of Coastal Zone Planning, Florida. Department of Natural Resources. Office of Coastal Zone Management, NOAA. Miami, FL. 56 pp. Maps. December 1975 (revised April 1976). (CZIC)

The introduction examines the history of coastal ownership, legal issues of tidal lands, and ownership concerns. A methodology and regional overview follow. Coastal ownership in each county is described, and a bibliography presented at the end.

LAWS AND LEGISLATION; BIBLIOGRAPHY

06-003 Florida. Florida Department of Administration. Division of State Planning.

The Coastal Zone Management Act: Requirements for the Management of Energy Facilities in the Coastal Zone. Volume I. 145 pp. January 1978.

This study includes three parts: 1) identification and analysis of existing state, regional and local authorities and management techniques affecting energy facility siting, 2) energy facilities likely to locate in the coastal zone, or significantly affect it, and 3) authorities and management programs which may be used to manage energy facility siting and impacts in the coastal zone.

ENERGY FACILITY SITING; STATE-LOCAL COORDINATION; PLANNING/ MANAGEMENT

06-004 Florida. Florida Department of Environmental Regulation.

Dade County Wetlands Demonstration Project. Volumes 1-3. Volume I: Project Report. Dade County Planning Department and the Bureau of Coastal Zone Managment Dade County, FL. 92 pp. February 1978. (CZIC)

The purpose of the project was to demonstrate techniques of coordination and socio-economic/environnmental analysis of land use and resource allocations in a multi-jurisdictional area of environmental concern, agriculture, and urban development--the wetlands of Dade County. Biscayne Bay and the Everglades were examined. A special focus was the development of methods for economic analysis of resource conflicts. Management responsibilities, gaps and duplications, and recommendations for improvement are identified.

WETLANDS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; SOCIOECONOMICS; ECONOMICS; PLANNING/MANAGEMENT

Volume II: Analysis of Management Techniques. Wallace, Mettarg, Roberts, and Todd. Dade County, FL. 30 pp. February 1978. (CZIC)

Part of a larger study to refine the County's Comprehensive Development Master Plan 1975. This volume, dealing with the East Everglades only, describes methods for public sector management of man's activities to prevent harmful modification of natural resources. Mechanisms inherent in the Master Plan are not discussed. Performance criteria are seen as a tool which could be implemented quickly.

WETLANDS; PLANNING/MANAGEMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

06-005 Florida. Florida Department of Environmental Regulation (continued).

Volume III: Economic Decision Making in Environmentally Sensitive Areas - Opportunity Cost Analysis. Dade County Planning Department. Dade County, FL. 57 pp. February 1978. (CZIC)

Suggests that the under-pricing of wetlands does not account for their true value and leads to urban development pressures. A broader, public perspective is needed to assure their optimal use. Includes a description of the areas and the problem setting, issues in resource allocation, pertinent economic concepts, methodological approaches, and applications of opportunity-cost analysis.

WETLANDS; ECONOMICS; ENVIRONMENT; COASTAL RESOURCES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

06-006 Florida. Florida Department of Environmental Regulation.

The Florida Coastal Management Program, Appendix. Multi-pp. Maps. March 1978.

06-006 Florida. Florida Department of Environmental Regulation. (continued)

Coastal management related law and legislation, substantive elements of the coastal management program (a list of excluded Federal lands and special management areas), program coordination and public involvement, and Federal agencies in the coastal zone.

LAWS AND LEGISLATION; PROGRAM DESCRIPTION; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; FEDERAL AGENCIES

06-007 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program).

Power Plant Impact Analysis: Green Cove Springs, Florida. Russel & Axon. Green Cove Spring, Florida. 110 pp. January 1980.

This report was designed to evaluate the impacts associated with the proposed construction of a coal-fired electric generating plant at Green Cove Springs. The report resulted in an analysis of, and recommendations for, development, economic, social service, municipal services, and environmental impacts.

ENERGY FACILITY SITING; ENERGY IMPACTS

06-008 Florida. Office of Coastal Management (Coastal Energy Impact Program).

Coastal Energy Impact Study of the Crystal River Energy Park. Withlacoochee Regional Planning Council. 250 pp. November 1980.

This is a report of the impact of two new generating facilities being constructed north of Crystal River, FL. It includes an inventory of present socioeconomic conditions and specific impacts of development, construction and operation of the plants. Recommendations for actions and alternatives are made.

ENERGY IMPACTS; PLANNING/MANAGEMENT; REGIONAL IMPACT; SOCIOECONOMICS

06-009 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program).

A Citizen's Approach to Energy Impact Planning. Vol. 1. 100 pp.
Project Background and Citizens Analysis. Vol. 2. 100 pp.
Action Plans and Programs. Vol. 3. Multi-pp.
Prepared by the CEIP Policy Board, Nassau County, Florida. December 1980.

Vol. 1 provides a citizen's approach to planning for the environmental and economic impacts of oil exploration on the OCS offshore from Nassau County. Report summarizes and condenses information found in Vols. 2 and 3. Vols. 2 and 3 provide information on the socioeconomic and environmental effects of drilling on the County and contingency plans for environmental protection and mitigation of impacts.

06-009 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program). (continued)

GROWTH; SOCIOECONOMICS; ENVIRONMENTAL IMPACT; PLANNING/MANAGEMENT; LAND/WATER USE; ENERGY IMPACTS; OCS

06-010 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program).

An Economic Analysis of the Proposed Restoration of the St. Marks River, Florida. Bell, F. St. Marks, FL. 144 pp. December 1980.

The report evaluates the biological and economic impacts of restoring a portion of the river by dredging oil sediments from the river bottom. The majority of the report is concerned with a cost/benefit analysis of restoration.

ECONOMICS; WATER QUALITY; DREDGING; ENVIRONMENTAL IMPACT

06-011 Florida. Office of Federal Coastal Programs.

The Sensitivity of Coastal Environments and Wildlife to Spilled Oil in South Florida. Getter, C., J. Michel, G. Scott, and J. Sadd. South Florida Regional Planning Council. 130 pp. January 1981.

This document is a guide to a series of 23 maps which characterize environments and wildlife in south Florida and the sensitivity of these environments to oil spills. It discusses clean-up techniques for different environments.

WATER QUALITY; OIL AND GAS; ENVIRONMENTAL IMPACT; OIL POLLUTION/EFFECTS;

06-012 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program).

Environmental and Recreational Considerations as a Result of Coastal Energy and OCS Activities at Port Everglades, Florida. Port Everglades Authority. 500 pp. February 1981.

Identifies the most important environmental and recreational elements at Port Everglades that could be impacted by activities resulting from changing energy environments. Also identified are major issues to coastal energy and OCS activities.

RECREATION/TOURISM; ENVIRONMENTAL IMPACT; OCS; ENERGY IMPACTS

06-013 Florida. Office of Coastal Management.

The Florida Coastal Management Program and Final Environmental Impact Statement. Office of Coastal Management and OCZM. Multi-pp. August 1981.

06-013 Florida. Office of Coastal Management. (continued)

Provides a description to the program to manage coastal land and water use activities. Contains policies on a diversity of management issues. Management authority is derived from various state statutes and rules. Discusses economic impacts, resource protection, coastal zone boundaries, public access and increased public awareness.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; REGIONAL IMPACT; LAND/WATER USE; FEDERAL CONSISTENCY; PUBLIC ACCESS

06-014 Florida. Office of Federal Coastal Programs (Coastal Energy Impact Program).

Planning for Energy Impacts in Escambia County. Univ. of West Florida. Escambia County, FL. 203 pp. January 1982.

The report identifies existing and proposed energy activities which might impact the county and provides recommendations for appropriate energy-related policies.

ENERGY IMPACTS; ISSUES/PROBLEMS; POLICY FORMULATION

07-001 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Activities in Georgia's Coastal Waters: Past Trends and Future Prospects. Prepared by Resource Planning Section Office of Planning and Research. Georgia Department of Natural Resources. Atlanta, GA. 210 pp. Maps. May 1975.

Summarizes historical uses and a legal framework for Georgia's coastal zone. Chapters examine trends in commercial fishing, navigation and waterborne commerce, coastal recreation, environmental quality, mineral potential, and conflicts and compatibilities among water activities. Appendix includes coastal water activity maps.

LAND/WATER USE; ISSUES/PROBLEMS; FISH/FISHERIES; NAVIGATION; SHIPPING; RECREATION/TOURISM; LIVING MARINE RESOURCES; CONFLICTING USES; LAWS AND LEGISLATION

07-002 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Handbook: Building in the Coastal Environment. Excerpts. Resources Planning Section, Office of Planning and Research, Georgia Department of Natural Resources. Atlanta, GA. 41 pp. May 1975 (CZIC)

Sections of the publication present a description of the handbook's intended use; legal restrictions controlling land development; and environmental restrictions and precautions for coastal developments. The latter is presented in both words and diagrams.

DEVELOPMENT; PLANNING/MANAGEMENT; GROWTH; LAWS AND LEGISLATION

07-003 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

The Value and Vulnerability of Coastal Resoruces. Background Papers for Review and Discussion. Dean, L. F., et. al. GADNR/OPR. Atlanta, GA. 320 pp. May 1975. (CZIC)

Presents a compilation of papers containing information on benefits resulting from the natural functioning of Georgia's coastal resources and the susceptibility of these resources to change. Resource types examined are 1) coastal beaches, sand dunes, and offshore sand bars, 2) terrestrial ecology of barrier islands, 3) fresh water ecosystems, 4) ground water, 5) coastal wildlife, 6) cultural resources, 7) soils, 8) coastal vegetation, 9) marshes, and 10) open marine and estuarine waters.

COASTAL RESOURCES; BEACHES/DUNES; COASTAL WATERS; MARINE BIOLOGY; WILDLIFE; CULTURAL/HISTORICAL RESOURCES; VEGETATION; WETLANDS; SUBMERGED LANDS; GROUND WATER; DEVELOPMENT

07-004 Georgia. Chatham County-Savannah Metropolitan Planning Commission.

Chatham's Coast: Goals and Issues for the Future. Savannah, GA. 23 pp. June 1975.

Presents the results of a survey of coastal citizens. Its objective was to disseminate information about the Georgia Coastal Zone Management Program and to elicit input into the program on such matters as identification of goals, problems, and issues concerning the Chatham County - Savannah coastal region.

PUBLIC PARTICIPATION; GOALS/OBJECTIVES; ISSUES/PROBLEMS

07-005 Georgia. Coastal Area Planning and Development Commission.

Georgia's Coast: Citizen Perceptions. 21 pp. June 1975. (CZIC)

Contains sections on designing a process for eliciting citizen perceptions of issues and for educating citizens as to: the process itself (a brain-storming approach); survey problems; and a summary of the results divided into issue areas, seafood industry, ports and related commerce, recreation and tourism, natural resources, government, economic development, and coastal aesthetics and heritage.

PUBLIC PARTICIPATION; FISH/FISHERIES; PORTS/WATERFRONTS; RECREATION/TOURISM; DEVELOPMENT; CULTURAL/HISTORICAL RESOURCES

07-006 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Inventory and Analysis of Legal Authority Relevant to State Control of Coastal Zone Land and Water Uses. Georgia Executive Department, Office of Planning and Budget. Atlanta, GA. 46 pp. June 1975

Identifies and clarifies existing state and local legal authorities to manage the use of land and water resources in the state's coastal zone. The document also identifies additional needed legislation for the state's coastal zone management program to meet Federal program grant requirements. Regulation techniques discussed include police power, taxation, eminent domain, zoning, and sovereign trust power.

LAWS AND LEGISLATION; GROWTH; LAND/WATER USE; ZONING; PERMITS/PERMITTING; PROGRAM DEVELOPMENT

07-007 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Methodology for Assessing Environmental Impacts. Georgia Department of Natural Resources, Office of Planning and Research, Resources Planning Section. Georgia Coastal Zone Management Program. Atlanta, GA. 33 pp. June 1975.

Presents a four-step methodology for impact assessment. The methodology incorporates matrices for each of the first three steps and a capability analysis for the fourth step. Appendices list actions affecting Georgia's natural coastal resources as well as the values and vulnerabilities of those resources.

DEVELOPMENT; LAND/WATER USE; COASTAL RESOURCES

07-008 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

User's Information for Coastal Resource Maps. Georgia Department of Natural Resources, Office of Planning Research, Resource Planning Section. Atlanta, GA. 40 pp. June 1975.

Describes how to interpret information from twenty resource maps completed for the state's Coastal Zone Management Program. Information content is keyed to individual maps and gives scale, date of completion, source of information, type of data presented and use of the data.

MAPS/MAPPING; COASTAL RESOURCES

07-009 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Year 1 -- Coastal Zone Management Program: Summary of Coastal Resource Data and Implications for Coastal Zone Management. Georgia Department of Natural Resources, Office of Planning and Research, Resources Planning Section. Atlanta, GA. 17 pp. June 1975.

Correlates compiled resource information and resource maps with specific needs for coastal zone management in the Georgia coastal zone. Also reviews values and vulnerability of resources and lists those resource elements mapped. An appendix of state coastal zone management reports and their applications concludes the paper.

MAPS/MAPPING; INFORMATION SYSTEMS; PLANNING/MANAGEMENT

07-010 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Citizen Involvement Techniques and Strategies for the Coastal Zone Management Program. Grady, D. O. and L. K. Johns. Georgia Institute of Technology. Atlanta, GA. 45 pp. 1975.

07-010 Georgia. Office of Planning and Budget. Coastal Zone Management Program. (continued)

Sets forth a communication strategy for a public involvement segment in the state's coastal zone management program. Also reviews possible segment organization, public involvement techniques and recommendations for the segment's activities.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT

07-011 Georgia. Department of Natural Resources.

Summary - Coastal Zone Management Technical Workshop. Coastal River Swamps. Georgia Department of Natural Resources. Savannah, GA. Multi-pp. October 1975. (CZIC)

Purpose of the workshop was to exchange information on the function of coastal river swamps, and methods of identifying the river swamp ecosystem. This document summarizes major technical points.

CONFERENCES/WORKSHOPS; ESTUARIES; WETLANDS; WATERSHEDS

07-012 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Coastal Resource Reports and Maps: Analysis of User Questionnaires. The Georgia Department of Natural Resources, Office of Planning and Research, Resource Planning Section. Atlanta, GA. Multi-pp. January 1976.

Presents the results of a user survey to determine how resource data collected and prepared for the state Coastal Zone Management Program is being used and by whom. Appendices describe resource reports and products, user comments and suggestions, the questionnaire, and selected letters of response.

INFORMATION SYSTEMS

07-013 Georgia. Department of Natural Resources.

Alternative Inland Boundaries of the Coastal Zone. Georgia Department of Natural Resources. Atlanta, GA. Multi-pp. June 1976. (CZIC)

This document is suggested as a starting point for discussion. It defines "direct" and "significant" impacts (of land uses on the coastal watershed) and describes six alternative inland boundaries based on six different resource considerations: coastal watershed, geologic coastal Georgia, primary geologic division, coastal wetlands, tidal wetlands, and tidal marsh. It is expected that the final boundary will be a combination of these alternatives.

BOUNDARIES; LAND/WATER USE; COASTAL ZONE; WETLANDS; GEOLOGY; WATERSHEDS

07-014 Georgia. Department of Natural Resources.

A Coastal Resource Planning Notebook. Georgia Department of Natural Resources. Atlanta, GA. Multi-pp. June 1976. (CZIC)

Includes both resource information and planning methods designed to make existing resource data, reports, and maps, useful in local land use planning and environmental impact assessment. Seven chapters deal specifically with a capability analysis method, a resource system capability method, an air and water quality resource planning method, a wildlife resources planning method, resource areas of particular concern, planning guidelines for flood -prone areas, and an inventory of coastal zone natural areas.

COASTAL RESOURCES; PLANNING/MANAGEMENT; MAPS/MAPPING; WATER QUALITY; WILDLIFE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FLOODS/FLOODING; COASTAL INVENTORIES

07-015 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

A Guide to Resource Information of OCS Environmental Impact Assessment. Georgia Department of Natural Resources. Atlanta, GA. 38 pp. July 1976.

This document outlines the basic steps for determining the environmental impacts of a proposed action on a resource system. It identifies the information which is necessary to make such a determination and shows which types of information are available and which are not. It identifies the types of impacts associated with onshore oil and gas development activities; with pipelines; and with oil spills.

ISSUES/PROBLEMS; DEVELOPMENT; OCS; OIL AND GAS; INFORMATION SYSTEMS; POLLUTION

07-016 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Final Report to the Georgia Office of Planning and Budget for Coastal Management Research on Critical Dune Parameters. Savannah, GA. 22 pp. September 1976. (CZIC)

Presents the physical and chemical properties of coastal dunes, which play an important role in coastal protection. Also includes information on dune properties, external influences, data collection and procedure, management guidelines, and references.

BEACHES/DUNES; NATURAL HAZARDS

07-017 Georgia. Department of Natural Resources.

Inland Land Use Activities and Georgia's Coastal Waters. Interim Report. Georgia Department of Natural Resources. Atlanta, GA. Multi-pp. October 1976. (CZIC)

07-017 Georgia. Department of Natural Resources. (continued)

Due to insufficient information on the full range of environmental impacts on estuaries resulting from inland activities, this report provides background information concerning the potential for impact. The four sections include 1) information for decision-making, 2) the relationship of freshwater and saltwater resource systems, 3) land use practices affecting coastal waters, and 4) using information for planning and decision-making. The Appendix covers research needs, and there is a bibliography.

LAND/WATER USE; COASTAL WATERS; ESTUARIES; PLANNING/MANAGEMENT; BIBLIOGRAPHY

07-018 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Guale: The Golden Coast of Georgia. Scardino, A. Albert Scardino Productions. Savannah, GA. Color Movie, 1 hour. 1976.

This film evokes the present and the past of Georgia's coastal area in a poetic manner at a relaxed pace. It is a good, broad introduction to the cultural and natural resources of the area, to ways of life in coastal Georgia, and to the interdependency of coastal natural systems.

COASTAL RESOURCES; CULTURAL/HISTORICAL RESOURCES; MARINE RESOURCES; EDUCATION

07-019 Georgia. Conservancy/Georgia Coastal Zone Management Program.

Onshore Impacts Conference. Executive Summary. Savannah, Georgia. 43 pp. 1976. (CZIC)

Contains summaries of individuals' papers on oil industry impacts, economic effects, marine effects within the three-mile limit, ecological impacts, secondary and tertiary impacts, the legal framework, and intergovernmental relations and the role of the citizen.

CONFERENCES/WORKSHOPS; PETROLEUM INDUSTRY; ECONOMICS; LAWS AND LEGISLATION; PUBLIC PARTICIPATION

07-020 Georgia. Coastal Area Planning and Development Commission.

Utilizing Georgia's Ocean Beaches for Outdoor Recreation. Shelander, H. D. Athens, GA. 121 pp. Maps. April 1977.

Provides guidelines for deciding what type of recreation facilities are needed to support Georgia's barrier island beaches and specific recommendations for determining their location and size. Includes three chapters on the Georgia coast, the important characteristics of Georgia's barrier island beaches, and the development of beach recreation support facilities.

RECREATION/TOURISM; BEACHES/DUNES; COASTAL RESOURCES

07-021 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Georgia's Changing Coast. Georgia Department of Natural Resources. Atlanta, GA. Color Movie, approximately 28 minutes. 1977

This film briefly summarizes and illustrates the major issues facing coastal management in Georgia. It was prepared to improve public participation in the development of Georgia's Coastal Management Program.

ISSUES/PROBLEMS; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; COASTAL RESOURCES; CONFLICTING USES

07-022 Georgia. Department of Natural Resources.

Compatibility Assessment Methodologies. Applications for CZM in Georgia. Georgia Department of Natural Resources. Atlanta, GA. 9 pp. No Date.

Given that one of the purposes of coastal zone management is the ability to resolve conflicts between competing uses, this document addresses the role of compatibility assessment in CZM, aspects of compatibility (referring to functional, operational and value conflicts), three compatibility assessment methodologies (one for each type of conflict), and the need for integrated impact assessment processes.

PLANNING/MANAGEMENT; ISSUES/PROBLEMS; CONFLICTING USES

07-023 Georgia. Office of Planning and Budget. Coastal Zone Management Program.

Geological Evaluation of Potential Pipeline Corridor Sites Along the Georgia Coast. Preliminary Report of Phase I, Task I-A. Harding, V. J. and J. L. Harding. Savannah, GA. 19 pp. Maps. No Date. (CZIC)

Centers on a seismic/acoustic survey of the southern half of the Georgia coast from three miles offshore into inlets and estuaries. Task I-A. is the first part of a three phase effort to obtain physical and geological information about the surface and subsurface characteristics of Georgia's seafloor for use in pipeline siting. The work objectives were to identify geological constraints such as soil instability, active bottom scour, faults, rock outcrops, and shoreline erosion.

GEOLOGY; OCS; ENERGY FACILITY SITING

07-024 Georgia. Department of Natural Resources.

Historic Preservation Workbook. Coastal Georgia. Georgia Department of Natural Resources. Atlanta, GA. Multi-pp. Maps. No Date (CZIC)

A supplement to the 1974 Historic Preservation Handbook. This workbook emphasizes practical information on preservation and ways it can be

07-024 Georgia. Department of Natural Resources. (continued)

incorporated into the coastal planning process. The ten chapters cover reasons for preservation, current preservation activity on Georgia's coast, impacts of preservation on the coast, zoning and easements as tools, historic district zoning and preservation easements in Georgia, sites to consider, sources of help and information, interested organizations, and a bibliography.

CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES; PLANNING/MANAGEMENT; ZONING; BIBLIOGRAPHY

07-025 Georgia. Department of Natural Resources.

An Overview of Georgia's Coastal Resources. Georgia Department of Natural Resources. Atlanta, GA. Multi-pp. Maps. No Date. (CZIC)

Folder containing a map of Georgia's coastal wetlands and geologic resources and six summary papers: beaches, sand dunes, offshore sand dunes; barrier islands; rivers and river swamps; coastal Georgia wildlife; historic and archaeological resources; tidal marshes and estuaries.

COASTAL RESOURCES; MAPS/MAPPING; WETLANDS; GEOLOGY; BEACHES/DUNES; BARRIER ISLANDS; CULTURAL/HISTORICAL RESOURCES; ESTUARIES

08-001 Hawaii. Department of Planning and Economic Development. CZM Program.

Technical Considerations in Developing a Coastal Zone Management Program for Hawaii. Document 1. Pacific Urban Studies and Planning Program, University of Hawaii. Honolulu, HI. 241 pp. August 1975. (CZIC)

Presents (1) an approach to coastal zone management: management purposes and coastal zone boundaries, areas of particular concern, and data inventory and analysis, (2) management purposes: conservation of coastal water and terrestrial ecosystems and sand resources, hazard reduction, waste water management, enhancement of recreational opportunities, and preservation of historic, cultural, and scenic resources, (3) data inventory and analysis, and (4) summary.

PLANNING/MANAGEMENT; GOALS/OBJECTIVES; BOUNDARIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL INVENTORIES; RECREATION/TOURISM; CULTURAL/HISTORICAL RESOURCES

08-002 Hawaii. Department of Planning and Economic Development. CZM Program.

Beaches: A component of the Coastal Zone. Moberly, R. Technical Supplement No. 4. Hawaii Coastal Zone Management Program. Honolulu, HI. 6 pp. August 1975.

Examines Hawaii's beaches as natural systems and summarizes their values towards practical and research uses for man. Makes suggestions for the management of beaches and littoral cells and presents a matrix of conflicting uses of Hawaii's beaches. Local agencies with jurisdiction in beach areas are noted.

BEACHES/DUNES; CONFLICTING USES; COASTAL RESOURCES

08-003 Hawaii. Department of Planning and Economic Development. CZM Program.

Bibliography of Sources relating to Coastal Zone Land and Water Uses. Mogi, H. Document 4. Hawaii Coastal Zone Management Program. Honolulu, HI. 161 pp. August 1975.

Presents a bibliography of coastal zone management related literature arranged alphabetically by author, with subject category and geographic area indices.

BIBLIOGRAPHY; PLANNING/MANAGEMENT

08-004 Hawaii. Department of Planning and Economic Development. CZM Program.

Coastal Zone Conflict Management. Kent, G. Technical Supplement No. 11. Honolulu, HI. 17 pp. August 1975.

08-004 Hawaii. Department of Planning and Economic Development. CZM Program. (continued)

Describes a variety of conflicts (especially social conflicts) and makes recommendations for handling them in coastal zone management issues. The concept of priority of uses is discussed and the possibility of a Coastal Conflict Management Agency to resolve conflicts is explored. The powers and authorities of such an agency are considered.

CONFLICTING USES; SOCIOECONOMICS; PLANNING/MANAGEMENT; DEVELOPMENT; GROWTH

08-005 Hawaii. Department of Planning and Economic Development. CZM Program.

Coastal Zone Management in Hawaii: The Major Issues. Kent, G. Technical Supplement No. 10. Honolulu, HI. 25 pp. August 1975.

Provides a general overview of management goals and management problems relating to the coastal zone in Hawaii. Issues examined include: use conflicts and conflicts of interest in the coastal zone; dominance of some interests in coastal areas; the development of adequate management structures; and the concepts of private ownership and control as applied to coastal zone planning.

ISSUES/PROBLEMS; GOALS/OBJECTIVES; CONFLICTING USES; PLANNING/MANAGEMENT; GROWTH; DEVELOPMENT; LAND/WATER USE; STATE-LOCAL COORDINATION

08-006 Hawaii. Department of Planning and Economic Development. CZM Program.

Coastal Zone Management and Historical Resources As Seen From An Anthropological Viewpoint. Cordy, R. Technical Supplement No. 7. Honolulu, HI. Multi-pp. Maps. August 1975.

Examines the implications of historical resources for coastal zone management. Professional and public viewpoints of historical remains are reviewed. Information needed to manage archaeological resources are identified along with activities threatening historical remains. The effectiveness of present management approaches are evaluated and suggestions for future effective management are made.

CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; COASTAL INVENTORIES; COASTAL RESOURCES; CONFLICTING USES

08-007 Hawaii. Department of Planning and Economic Development. CZM Program.

Documentation for Illustrative Mapping of Alternative Coastal Zone Boundary Designation for Selected Sites in Hawaii. Mogi, H. Honolulu, HI. 29 pp. August 1975.

Explains information to assist in interpretation of Hawaii coastal zone

08-007 Hawaii. Department of Planning and Economic Development. CZM Program. (continued)

management maps. The three sections of the document provide an explanation of symbols used to indicate point sources of pollution, a summary of data sources used in the preparation of the CZM Program maps, and reproductions of legends used in the CZM maps.

MAPS/MAPPING

08-008 Hawaii. Department of Planning and Economic Development. CZM Program.

An Economic Overview of the Coastal Zone Problems in Hawaii. Miller, L. Technical Supplement No. 9. Honolulu, HI. 41 pp. August 1975.

Summarizes in lay terms, major economic realities relevant to coastal zone planning and management, especially the concept of "market failure". Hawaii's coastal zone problems are discussed in economic terms and guidelines for program formation in Hawaii are suggested.

ECONOMICS; INDUSTRY/COMMERCE; PROGRAM DEVELOPMENT

08-009 Hawaii. Department of Planning and Economic Development. CZM Program.

Enhancement of Coastal Recreational Opportunities: A Description of Present Coastal Recreational Usage, Constraints, Data, and Research Possibilities in the State of Hawaii. Sommarstrom, A. Technical Supplement Number 6. Honolulu, HI. 64 pp. August 1975

Examines elements involved in developing an approach to enhancing coastal recreational opportunities. Federal, state, and county recreation responsibilities and the present pattern of recreational land use and activity are described. Recreational constraints including: a limited number of sandy beaches, water pollution, access, overlapping governmental responsibility, tourism, and competing uses are described and analyzed. Available data sources on coastal recreation are listed and suggestions are made for enhancing recreation opportunities.

RECREATION/TOURISM; BEACHES/DUNES; PUBLIC/ACCESS; POLLUTION; CONFLICTING USES; PLANNING/MANAGEMENT

08-010 Hawaii. Department of Planning and Economic Development. CZM Program.

Hawaiian Coastal Water Ecosystems: An Element Paper for the Hawaii Coastal Zone Management Study. Maragos, J. E., et. al. Technical Supplement No. 1, Honolulu, HI. 52 pp. Appendices. Maps. August 1975.

Describes the general characteristics of fresh water and marine ecosystems in Hawaii. Classifies 25 ecosystem types into upper inland, shoreline or

08-010 Hawaii. Department of Planning and Economic Development. CZM Program. (continued)

offshore categories. The distribution status and importance of human derived impacts are described and used as criteria to suggest inland boundaries of the coastal zone with respect to management of coastal water ecosystems. A 100+ citation bibliography is included.

MARINE BIOLOGY; BOUNDARIES; COASTAL INVENTORIES; ESTUARIES; COASTAL WATERS; COASTAL RESOURCES; BEACHES/DUNES; LIVING MARINE RESOURCES

08-011 Hawaii. Department of Planning and Economic Development. CZM Program.

Identifying and Managing the Scenic Resources in Hawaii's Coastal Zone. Minerbi, L. Technical Supplement No. 8. Honolulu, HI. 207 pp. August 1975.

Examines the preservation of scenic resources in relation to the development of a coastal zone program. Coastal features that characterize scenic resources are identified, as are scenic and aesthetic criteria of use in defining an inland CZM boundary. Land and water uses that threaten aesthetic resources are identified. Data, information sources, and agency responsibilities for scenic and aesthetic resources are cited.

AESTHETICS; COASTAL INVENTORIES; PLANNING/MANAGEMENT; COASTAL RESOURCES; CONFLICTING USES; LAND/WATER USE

08-012 Hawaii. Department of Planning and Economic Development. CZM Program.

Inundations and Forces Caused by Tsunamis for the State of Hawaii. Bretschneider, C. L. and P. G. Wybro. Technical Supplement No. 5. Honolulu, HI. 88 pp. August 1975. (CZIC)

Examines tsunamis as they relate to Hawaii. Methods for predicting the elevation of tsunami run-up are described and evaluated. Historical data is reviewed and previous inundation levels are analyzed to provide a statistical basis for predicting future tsunami elevations in Hawaii. Past wave forces and damage resulting from tsunamis in Hawaii are summarized.

NATURAL HAZARDS; CLIMATE/WEATHER; FLOODS/FLOODING

08-013 Hawaii. Department of Planning and Economic Development. CZM Program.

Inventory of Federally Controlled Land In Hawaii. Mogi, H. Honolulu, HI. 27 pp. August 1975.

Presents an inventory of Federally owned lands in Hawaii. Where information could be found, data are presented in table form listing the facility name, location, controlling agency, existing land use, nature of the legal

08-013 Hawaii. Department of Planning and Economic Development. CZM Program. (continued)

right, and releasable area. A brief account of the experiences and method of data accumulation introduces the inventory tables.

LANDS/WATER USE; COASTAL INVENTORIES

08-014 Hawaii. Department of Planning and Economic Development. CZM Program.

Legal aspects of Hawaii's Coastal Zone Management Program. Mandelker, M. Honolulu, HI. Multi-pp. August 1975. (CZIC)

Provides a legal analysis which 1) examines CZM programs in the states of Maine, California, Washington, and North Carolina; 2) considers options confronting Hawaii in the design of a legal framework for its CZM program; and 3) inventories existing Federal, state and local legislation and regulations pertaining to the control of land and water uses in the coastal areas of Hawaii.

LAWS AND LEGISLATION; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; COASTAL INVENTORIES; PLANNING/MANAGEMENT; GROWTH; LAND/WATER USE

08-015 Hawaii. Department of Planning and Economic Development.

Management of Hawaii's Coastal Zone for Water Quality Objectives. Lau, L. Technical Supplement No. 2. Honolulu, HI. 47 pp. August 1975.

Provides an overview of wastewater management as related to the quality of coastal waters. Following a summary of environmental and institutional factors related to water quality, alternative conceptions of the inland boundary are examined. Information on waste water generation in Hawaii and water quality parameters are summarized. Problem areas in need of immediate research are identified.

WATER QUALITY; WATER POLLUTION; COASTAL WATERS; BOUNDARIES

08-016 Hawaii. Department of Planning and Economic Development. CZM Program.

Organizational Structure, Management and Implementation of Hawaii's Coastal Zone Management Program. A. J. Catanese and Assoc. Honolulu, HI. Multi-pp. August 1975.

Contains all first-year analysis of organizational and management options related to the management program. Presented is a review and evaluation of existing organizational structures and institutional arrangements for dealing with coastal zone problems. Alternatives to carry out the program are identified and evaluated. Also analyzed are existing and potential mechanisms for public awareness and involvement in the planning process.

08-016 Hawaii. Department of Planning and Economic Development. CZM Program. (continued)

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT; PUBLIC PARTICIPATION

08-017 Hawaii. Department of Planning and Economic Development. CZM Program. Vegetation as an Element in the Management of the Coastal Zone. Bridges, K. W. Technical Supplement No.3. Honolulu, HI. 7 pp. August 1975.

Provides an overview of vegetation as one element to consider in formulating management plans. Important aspects of vegetation that should be considered in planning are highlighted. Available vegetation data is discussed; information gaps are identified; and the roles of government, university, and other groups involved in management and data collection are summarized.

VEGETATION; PLANNING/MANAGEMENT

08-018 Hawaii. Department of Planning and Economic Development. CZM Program.

The Application of Remote Sensing to Coastal Zone Management. Electromagnetic Systems Laboratories, Inc. Honolulu, HI. Multi-pp. July 1976. (CZIC)

Presents a final report designed to provide an efficient system capable of responding to the informational needs of the Hawaii Coastal Zone Management Program plan development and operation. Sections of the report describe the methodology used to apply remote sensing technology to meet CZM information needs, a series of inventories resulting from applications of the methodology, and information dissemination and education. The inventories include those on natural features (rivers, beaches, wetlands, shoreline habitats, vegetation), transportation, land use and problem analysis (sedimentation, erosion, and land use conflicts).

REMOTE SENSING; INFORMATION SYSTEMS; COASTAL INVENTORIES; WETLANDS; LAND/WATER USE; CONFLICTING USES; EROSION/SEDIMENTATION; MAPS/MAPPING; TRANSPORTATION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS

08-019 Hawaii. Department of Planning and Economic Development. CZM Program.

Managing Hawaii's Coast. A.J. Cantanese and Associates. Honolulu, HI. 120 pp. Appendices. July 1976. (CZIC)

Presents a report describing the proposed organizational structure to implement the state coastal zone management program. It describes the responsibilities and interrelationships of local, state, and Federal agencies in the management program and contains a public awareness and involvement component intended to allow public participation and input in the planning process. The appendices present a case study of the U.S. Corps of Engineers permit

08-019 Hawaii. Department of Planning and Economic Development. CZM Program. (continued).

process in the Hawaii coastal zone and draft operational guidelines for Federal consistency using the state of Washington's model.

PROGRAM DESCRIPTION; PUBLIC PARTICIPATION; FEDERAL CONSISTENCY; PERMITS/ PERMITTING; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

08-020 Hawaii. Department of Planning and Economic Development. CZM Program.

Hawaii - Legal Aspects of Coastal Zone Management Appendix. Mandelker, D. R. Honolulu, HI. Multi-pp. December 1976. (CZIC)

For a wide variety of coastal zone subject areas, this appendix provides information on the agencies involved, their purpose and domain, the relevant legislation, and mechanisms for accomplishing their goals.

LAWS AND LEGISLATION; PLANNING/MANAGEMENT; GROWTH; LAND/WATER USE; ISSUES/ PROBLEMS

08-021 Hawaii. Department of Planning and Economic Development. CZM Program.

Legal Aspects of Hawaii's Coastal Zone Management Program. Mandelker, D. R. Honolulu, HI. Multi-pp. December 1976, (CZIC)

Provides two new background papers: one on Hawaiian Case Law Relating to CZM and one on excluded Federal lands provision, and a further compilation of legislation and regulations which should be inserted in Vol. 1.

LAWS AND LEGISLATION; PLANNING/MANAGEMENT GROWTH; COASTAL RESOURCES

08-022 Hawaii. Department of Planning and Economic Development. CZM Program.

Coastal Resources and Hazards: Identification, Analysis and Recommendations Regarding Management Problems. Honolulu, HI. 165 pp. December 1976. (CZIC)

Contains 6 policy recommendation memos, each one focusing on coastal problems which have been divided into six categories: Historic Resources; Scenic Resources; Natural Resources; Recreation Resources; Natural Hazards, and Shoreline Development. The memos summarize the problems, identify causes, outline the existing programs for dealing with these problems, and suggest program improvements. The latter will provide the basis for the Coastal Zone Management Policy Plan.

COASTAL RESOURCES; NATURAL HAZARDS; CULTURAL/HISTORICAL RESOURCES; RECREATION/TOURISM; DEVELOPMENT; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

08-023 Hawaii. Department of Planning and Economic Development. CZM Program. Revised Inventory of Federally Controlled Land in Hawaii. Mogi, H. Honolulu, HI. 36 pp. Map. December 1976.

Presents a revised and more comprehensive inventory of Federally owned land in Hawaii. Information is presented in table form, giving the facility name, tax key number and/or approximate location, controlling agency, area, existing land use, the nature of the legal right, and the category of Federal jurisdiction for each parcel or facility identified.

COASTAL INVENTORIES; LAND/WATER USE

08-024 Hawaii. Department of Planning and Economic Development. CZM Program.

The Application of Remote Sensing to Coastal Zone Management. Electromagnetic Systems Laboratories, Inc. Honolulu, HI. Multi-pp. December 1976.

Investigates the utility of remote sensing technology to provide resource and environmental information required by planners and managers.

REMOTE SENSING; PLANNING/MANAGEMENT; COASTAL RESOURCES

08-025 Hawaii. Department of Planning and Economic Development. CZM Program.

Organizational Aspects of Managing Hawaii's Coastal Zone. Document 11. A.J. Catanese and Associates. Milwaukee, Wisconsin. 120 pp. Appendices. December 1976. (CZIC)

Addresses the problems and potentials for managing Hawaii's Coastal Zone Program. Recommends that the Department of Planning and Economic Development be designated permanent lead agency, with a CZM division. Also describes several elements of the organizational and management program and reviews the public awareness and involvement program.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PUBLIC PARTICIPATION

08-026 Hawaii. Department of Planning and Economic Development. CZM Program.

Proceedings of the Hawaii Coastal Zone Management Program: "306" Program Submission Workshop. Honolulu, HI. 107 pp. August 1977.

Contains dialogue, discussion, and debate of major issues related to the "306" Program Submission Draft Document which was prepared for local and Federal review.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION

08-027 Hawaii. Department of Planning and Economic Development. CZM Program.

A Register of Government Permits Required for Development. Department of Planning and Economic Development. Multi-pp. December 1977. (CZIC)

Serves as quick reference guide to permit and approval requirements at the Federal, state and county levels. Lists regulatory permit or approval requirements in force and the responsible agency or authority to be consulted for further information.

PERMITS/PERMITTING; DEVELOPMENT; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

08-028 Hawaii. Department of Planning and Economic Development. CZM Program.

Red Tape vs. Green Light: A Workshop on Government Permit Simplification, Coordination, and Streamlining. Hawaii Department of Planning and Economic Development. Honolulu, HI. 92 pp. July 1978. (CZIC)

Includes presentations given by representatives of various interest groups, agencies and individuals addressing the problems associated with growth in governmental red tape.

PERMITS/PERMITTING; CONFERENCES/WORKSHOPS; STATE-LOCAL COORDINATION

08-029 Hawaii. Department of Planning and Economic Development. CZM Program.

Notes on Hawaiian Sand Beach Management. Tech. Supplement 12. Cox, D. C. Honolulu, HI. 23 pp. September 1978.

Addresses general problems associated with the sand beaches of Hawaii. Topics covered include: beach processes, artificial sand removal, land use on beach coasts, and public management of beaches and beachfront land.

BEACHES/DUNES; PLANNING/MANAGEMENT; LAND/WATER USE.

08-030 Hawaii. Department of Planning and Economic Development. CZM Program.

Guidelines for the Hawaii CZM Law. Technical Supplement 13. Honolulu, HI. 182 pp. September 1978. (CZIC)

The Hawaiian Coastal Zone Management Act was passed in 1977 and the DPED asked to prepare guidelines to further specify the objectives and policies of the law and program. This report contains a summary of the draft guidelines development process, a synopsis of major issues, and a compilation of papers, draft bills, and other materials which were prepared for discussion.

LAWS AND LEGISLATION; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS; GOALS/OBJECTIVES

08-031 Hawaii. Department of Planning and Economic Development. CZM Program.

Determining the Inland Extent of Hawaii's Coastal Zone Boundaries. Technical Supplement 14. Nishimura, N. Honolulu, HI. 169 pp. September 1978.

This report begins by examining the boundary issue in historical perspective, and the status of Hawaii's CZM program. Goes on to present a national perspective (including Federal requirements), a summary of alternatives for interpreting Hawaii's CZM law, boundary criteria, guidelines for implementing the criteria, applying the criteria to different coastal issues, and endnotes. Concludes with a bibliography.

BOUNDARIES; CULTURAL/HISTORICAL RESOURCES; PROGRAM DEVELOPMENT; FEDERAL AGENCIES; LAWS AND LEGISLATION; BIBLIOGRAPHY

08-032 Hawaii. U.S. NOAA, Office of Coastal Zone Management.

State of Hawaii Coastal Zone Management Program and Final Environmental Impact Statement. OCZM and Hawaii Department of Planning and Economic Development. Washington, D.C. and Honolulu, HI. 331 pp. Appendices. 1978. (CZIC)

Contains the state's coastal zone management program: objectives, policies and the management network; areas and uses subject to management; authorities and organization; planning for energy facilities, shorefront access, and shoreline erosion; Federal involvement. The FEIS follows, with probable impacts, alternatives, and mitigation measures.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; FEDERAL AGENCIES; STATE-LOCAL COORDINATION; EROSION/SEDIMENTATION; PUBLIC ACCESS; ENERGY FACILITY SITING

08-033 Hawaii. Department of Planning and Economic Development.

Procedures Guide for Achieving Federal Consistency with the Hawaii Coastal Zone Management Plan. Multi-pp. 1979.

Describes basic steps involved in processing consistency applications and indicates opportunities for coordination and consultation by identifying potential conflicts between proposed actions and the State Program.

FEDERAL CONSISTENCY; FEDERAL-STATE COORDINATION

08-034 Hawaii. Department of Planning and Economic Development (Coastal Energy Impact Program).

Coastal Energy Impacts in Hawaii: Existing and Planned Energy Facilities and General Impact Assessments. Plasch, B. S. 38 pp. Appendices. November 1979. (CZIC)

08-034 Hawaii. Department of Planning and Economic Development (Coastal Energy Impact Program). (continued)

Provides an inventory of existing and planned energy facilities, general impact assessment and mitigation measures for each type of facility, guidelines to maintain the inventory and impact assessments and recommendations for further action.

ENERGY; ENERGY FACILITY SITING; ENVIRONMENTAL IMPACTS

08-035 Hawaii. Department of Planning and Economic Development.

A Survey of States' Efforts to Improve Land Development Review Procedures. Technical Supplement Number 17. Alm. R. A. and A. Kolis. 68 pp. January 1980. (CZIC)

Report reviews other states' development review programs and concludes that no general principles are applicable to Hawaii's situation. State review programs are based on the application of different review techniques suitable to each state's fiscal resources, political support for the program and the personalities invloved. Lead agency designation rather than inter-agency coordination is generally most effective in a review program.

LEGAL/INSTITUTIONAL ANALYSIS; PROGRAM MONITORING/EVALUATION; STATE-LOCAL COORDINATION

08-036 Hawaii. Department of Planning and Economic Development.

Problems of Regulatory Inefficiency and Issues to be Considered in Reducing Them. Technical Supplement Number 15. Holmstrom, J. 25 pp. January 1980. (CZIC)

Part of a series on permit simplification and developing policy of managing coastal zone development. A discussion of problems related to making the regulatory process more efficient and a conceptual framework for the establishment of a simplified permitting program.

PERMITS/PERMITTING; POLICY FORMULATION/EVALUATION

08-037 Hawaii. Department of Planning and Economic Development.

The Federal Dredge and Fill Permit Program and its Application to Hawaii. Technical Supplement Number 19. Klopman, D. L. 21 pp. January 1980.

Reviews dredge and fill permit program. Discusses the geographic jurisdiction, a definition of dredge and fill materials, the permitting procedure, the shared authority of the Corps of Engineers and Environmental Protection Agency, and the available legal remedies for violations. Also reviewed are the implications of a shift in control over the program to the state

08-037 Hawaii. Department of Planning and Economic Development. (continued)

governments.

DREDGING; PERMITS/PERMITTING; LEGAL INSTITUTIONAL ANALYSIS; PROGRAM EVALUATION

08-038 Hawaii. Department of Planning and Economic Development.

Hawaii's Efforts Toward a Coordinated Regulatory Process for Land Development. Technical Supplement Number 16. Matsukawa, E. K. and R. A. Alm. 37 pp. January 1980.

Reviews attempts to reduce the procedural impact of Hawaii's land development review program. Provides a problem and solution context to view past efforts and potential alternatives for future actions.

LEGAL/INSTITUTIONAL ANALYSIS; DEVELOPMENT; PROGRAM MONITORING/EVALUATION

08-039 Hawaii. Department of Planning and Economic Development.

Administrative Procedures Required for Development Permits in Hawaii. Technical Supplement Number 18. Davidson, J. M. 24 pp. January 1980.

Discusses the legal implications of Hawaii's Administrative Procedure Act on agency decisions to grant or deny development permission. Focuses upon the Act's applicability to "contested case" hearings.

LEGAL/INSTITUTIONAL ANALYSIS; PERMITS/PERMITTING

08-040 Hawaii. Department of Land and Natural Resources.

Hawaii Coastal Zone Fisheries Management Study. 172 pp. March 1980.

Describes the fisheries component of the CZM Program. Outlines topics and issues such as key species, distribution, areas of major fishing pressure, specific island problems, and user group competition. Provides a program framework for fisheries data collection and evaluation.

PROGRAM DESCRIPTION; FISH/FISHERIES

08-041 Hawaii. Dept. of Land and Natural Resources.

A Method for Using Aerial Photos in Delineating Historic Patterns of Beach Accretion and Retreat. Hwang, D. Dept of Planning & Economic Development Honolulu, HI. 45 pp. December 1980.

Proposes the utilization of aerial photographs to provide knowledge of beach instability. A prototype study of Kailua beach is presented using two

08-041 Hawaii. Dept. of Land and Natural Resources. (continued)

BEACHES/DUNES; EROSION/SEDIMENTATION

08-042 Hawaii. Dept. of Planning and Economic Development.

Shoreline Property Boundaries in Hawaii. Cox, D. C. Honolulu, HI. 132 pp. December 1980.

Reviews descriptions, interpretations of these descriptions and court decisions of seaward boundaries of shoreline property. Presents a summary of suggested statutory changes.

BOUNDARIES; LAWS & LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS

08-043 Hawaii. County of Hawaii.

Guidelines and Standards for Public Access to the Shoreline. County of Hawaii. 62 pp. April, 1981.

Develops guidelines and standards for the identification of areas where additional public access is necessary or desirable, and for the design of public access systems.

PUBLIC ACCESS

08-044 Hawaii. Dept. of Planning and Economic Development.

Beach Changes on Oahu as Revealed by Aerial Photographs. Hwang, D. Honolulu, HI. 146 pp. July 1981.

Aerial photographic analysis of Oahu beaches was conducted for a period of up to 50 years. Beaches were divided into 4 sections: North Shore, Windward Coast, South Shore, and Leeward Coast.

BEACHES/DUNES; EROSION/SEDIMENTATION

08-045 Hawaii. Dept. of Planning and Economic Development.

LANDSAT Project, State of Hawaii; Final Report. Hawaii Ad Hoc Committee on Remote Sensing. Honolulu, HI. Multi-pp. 1981.

Reports on projects to assess the value of LANDSAT in Hawaii. Uses included assessing land use/cover, water classification and mapping. Later uses involved use of LANDSAT for detection and monitoring.

MAPS/MAPPING; REMOTE SENSING; LAND/WATER USE

09-001 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. A Work Program for the Three Year Planning Period. Chicago, IL. 201 pp. June 1975. (CZIC)

Presents an overall program strategy for the Illinois CZM program and describes the program's organization, activities, budget and work efforts for each of the years beginning 6/1/74; 6/1/75; and 6/1/76.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT

09-002 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. First Year Work Product. Volume I. Legal Analysis. Springfield, IL. Multi-pp. June 1975.

Examines Illinois' laws (case and statutory) as they apply to issues critical to the lake. Chapters include a study of public and private property interests in the coastal zone; the legal framework for intergovernmental agreements and the home rule organization in Illinois.

LAWS AND LEGISLATION; ISSUES/PROBLEMS; GROWTH; ZONING; LAND/WATER USE; PERMITS/PERMITTING

09-003 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. First Year Work Product. Volume II. Coastal Geological Studies. Illinois Geological Survey. Springfield, IL. Multi-pp. October 1975. (CZIC)

Presents the results of a geologic survey of Illinois' coastal area. The document is broken down into seven parts including bluff erosion and recession rates along the Illinois shoreline; an inventory of physical characteristics along the lake shore north of Chicago; climate and storm episodes related to erosion on the southwest shore of Lake Michigan; foundation and earth material of the lake's till bluffs; lake levels of the past and estimates for the future; sediment movement; and beach and nearshore sedimentation.

COASTAL INVENTORIES; EROSION/SEDIMENTATION; BEACHES/DUNES; GEOLOGY; CLIMATE/WEATHER

09-004 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. First Year Work Product. Volume III. Land Use Data and Analysis. Multi-pp. Maps. June 1975. Presents the results of a land use study along the Illinois shoreline. The report includes three sections on: 1) land use and ownership data gathering and analysis; 2) existing land use policy (inventory and analysis); and 3) impact implications of shore protection measures (an inventory of conditions and alternative measures).

LAND/WATER USE; EROSION/SEDIMENTATION

09-005 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. First Year Work Product. Volume IV. Public Participation. Springfield, IL. 149 pp. June 1975.

Presents the accomplishments and results of the public participation element in the first year of the Illinois Coastal Zone Management Program.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

09-006 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Lake Michigan Current. A news flier published quarterly. Volume 1, No. 1. Chicago, IL. 8 pp. Summer 1975. (CZIC)

Provides information to the public on activities of the Illinois Coastal Zone Management Program as well as issues closely related to it. (Subsequent editions have been published).

PUBLIC PARTICIPATION; ISSUES/PROBLEMS; PROGRAM DESCRIPTION

09-007 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Beach and Nearshore Sedimentation, Western Lake Michigan. Davis, R. A. Chicago, IL. 39 pp. Maps. October 1975.

Examines shoreline erosion along the Illinois Lake Michigan shoreline and discusses contributing factors.

EROSION/SEDIMENTATION; BEACHES/DUNES

09-008 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Guidesheets for Nomination of Geographic Areas of Particular Concern. Chicago, IL. 6 pp. October 1975.

Provides information to assist the public in the process of nominating "geographic areas of particular concern" as input into the state's CZM program.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CRITICAL AREAS; PUBLIC PARTICIPATION

09-009 Illinois. Coastal Zone Management Program.

Recommended boundary for the Coastal Zone in Illinois. Chicago, IL. 5 pp. 1975. (CZIC)

Response to the need to select a coastal zone boundary and to coordinate efforts by all levels of government to solve this and other problems. Proposed boundary includes a "lake area", "shore area", and an "impact area".

PROGRAM DEVELOPMENT; ISSUES/PROBLEMS; BOUNDARIES

09-010 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Coastal Resource Game -- It's Your Turn. Chicago, IL. 6 pp. Pamphlet. January 1976. (CZIC)

Presents a public information brief describing the state's coastal zone management program and explaining how the public can become involved.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

09-011 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Financing the Program: State and Local Alternatives -- A Study in Complexity. Wexler, R. L. Chicago, IL. 46 pp. January 1976.

Surveys the various financing techniques that may be used to fund aspects of the Illinois coastal zone management program. Considered are state and local taxation, special district and service area assessments, general obligation and revenue bonds, intergovernmental cooperation, new legislative schemes, and other tax alternatives.

PROGRAM DEVELOPMENT; ECONOMICS; PLANNING/MANAGEMENT

09-012 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Local Government Perogatives in the Coastal Zone -- A Study in the Need for Local/State Partnership. Wexler, R. L. Chicago, IL. 73 pp. January 1976.

Considers the implications for the Illinois Coastal Zone Management Program of the doctrine of homerule within the context of Illinois' urban history.

STATE-LOCAL COORDINATION; URBAN AREAS

09-013 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Property Owners and the Shoreline: Paying the Costs of Benefits Conferred. Wexler, R. L. Chicago, IL. Multi-pp. January 1976.

Considers the questions related to who pays for erosion protection . . . the public, the land owner, or both? A second section focuses on the nature and character of interests in property that could be acquired as part of the coastal zone management program (i.e., easements).

EROSION/SEDIMENTATION; PLANNING/MANAGEMENT

09-014 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

Illinois Coastal Management: Questions and Answers. Chicago, IL. 6 pp. May 1976. (CZIC)

Provides a public information brief on the Illinois coastal zone management program. The format is arranged in a series of answers to questions about the program.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

09-015 Illinois. Coastal Zone Management Program.

Illinois Coastal Zone Management Program: Component Study of Biological Communities. Illinois Natural History Survey. 53 pp. Appendix. September 1976. (CZIC)

Presents a detailed review of the coastal ecosystem. Includes 1) historical perspective on the ecosystems, 2) inventory of land and animal species, 3) threatened or endangered species, 4) unusual natural areas, 5) preservation, management, and restoration guidelines, and 6) a bibliography of biological studies.

BIBLIOGRAPHY; COASTAL INVENTORIES; COASTAL RESOURCES; CULTURAL/HISTORICAL

09-015 Illinois. Coastal Zone Management Program. (continued)

RESOURCES; CRITICAL AREAS; PLANNING/MANAGEMENT

09-016 Illinois. Coastal Zone Management Program.

Second Year Public Participation Activities, Volume VI, Appendix C: Lake Federation Work Products. Chicago, IL. Multi-pp. September 1976. (CZIC)

Includes an example copy of "Lake Michigan Current", a monograph entitled "Means of Managing Land and Water Uses on the Illinois Shoreline," and recommendations of the Citizen Task Froces.

LAND/WATER USE; PLANNING/MANAGEMENT; COASTAL RESOURCES; PUBLIC PARTICIPATION

09-017 Illinois. Coastal Zone Management Program.

Second Year Product Summary Public Participation Activities, Volume VI. Chicago, IL. Multi-pp. September 1976. (CZIC)

Provides a detailed look at the methodology involved in carrying out public participation activities. Each agency involved also analyzed their success.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT; CONFERENCES/WORKSHOPS

09-018 Illinois. Department of Transportaion. Division of Water Resources. Coastal Zone Management Program.

Great Lakes Shoreland Damage Survey: Illinois Shore. Illinois Division of Water Resources. Springfield, IL. October 1976.

Presents the results of a survey conducted by mail, telephone and field investigation, of the damages to public and private property from erosion and flooding during the three year period 1972-1975 along the Illinois shoreline of Lake Michigan.

NATURAL HAZARDS; FLOODS/FLOODING; EROSION/SEDIMENTATION

09-019 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. Second Year Work Product. Volume I. Legal Analysis. Summary Report. Springfield, IL. Multi-pp. October 1976.

Examines the legal framework for development of the Coastal Zone Management Program in Illinois. The document investigates local governments' role in coastal management, existing techniques of management in the coastal area,

09-019 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program. (continued)

financial techniques for shoreline management and the management system as proposed by the Illinois Coastal Zone Management Program.

LAWS AND LEGISLATION; STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ECONOMICS; PROGRAM DEVELOPMENT

09-020 Illinois. Coastal Zone Management Program.

Coastal Biological Studies. Appendix: Biological Inventory. Second Year Work Product. Volume IV. Prepared by Illinois Department of Transportation, Division of Water Resources. Chicago, IL. 186 pp. 1976. (CZIC)

Detailed tabular presentation of distributions by ecosystem type of algae, aquatic invertebrates, insects, fish, vegetation, amphibians, reptiles, birds, and mammals.

COASTAL INVENTORIES; FISH/FISHERIES; MARINE BIOLOGY; VEGETATION; WATER RESOURCES; WETLANDS; WILDLIFE

09-021 Illinois. Coastal Zone Management Program.

Second Year Work Product, Volume II, Coastal Geological Studies. Hydrologic, Geologic, and Engineering Aspects of Surficial Materials on the Lake Michigan Shore in Illinois. Du Mortelle, P. B., et. al. Chicago, IL. Multi-pp. 1976 (CZIC)

Reports research on the basic characteristics that determine erosion susceptibility, foundation stability, weathering qualities, slump resistance, and drainage performance of the coastal shore bluffs.

REGIONAL IMPACT; EROSION/SEDIMENTATION; GEOLOGY; LAND/WATER USE; WATER QUALITY

09-022 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. Second Year Work Product. Volume II. Coastal Geological Studies. Summary Report. Springfield, IL. Multi-pp. October 1976.

The document has four main sections: an analysis of existing facilities and future needs for recreational land and water needs along the Illinois shoreline; a study of the needs for residential, commercial, industrial, and transportation needs in the coastal zone; a man-made resource capacity study; and an assessment of the natural resource capabilities in the coastal zone. (Full report also available).

09-022 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program. (continued)

GEOLOGY; DEVELOPMENT; RECREATION/TOURISM; TRANSPORTATION; INDUSTRY/COMMERCE; HOUSING;

09-023 Illinois. Department of Transportation. Division of Water Resources. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. Second Year Work Product. Volume III. Beach and Bluff Protection. Summary Report. U.S. Army Corps of Engineers. Springfield, IL. 117 pp. Plates. October 1976.

Examines shore erosion and bluff instability problems along the Illinois Lake Michigan shoreline and develops preliminary engineering designs and cost estimates for suitable methods of shore protection. Erosion factors, shore process, and generally available engineering and management techniques for erosion protection along the Illinois Great Lakes shoreline are also presented. (Full report also available.)

EROSION/SEDIMENTATION; BEACHES/DUNES; COASTAL WATERS; ENGINEERING; NATURAL HAZARDS

09-024 Illinois. Department of Transportation. Division of Transportation. Coastal Zone Management Program.

The Illinois Coastal Zone Management Program. Second Year Work Product. Volume V: Public Participation. Summary Report. Multi-pp. October 1976.

Presents the accomplishments and results of the public participation program during the second program year.

PUBLIC PARTICIPATION

09-025 Illinois. Coastal Zone Management Program.

An Interdisciplinary Teachers Workshop - Illinois Beach State Park. Third Year Work Product. Illinois Department of Conservation. Chicago, IL. 16 pp. June 1977. (CZIC)

Presents an example of a state park where the goals of the Illinois Department of Conservation may be supported through interagency cooperation with the state coastal zone management program. Goal is to initiate workshops to assist teachers in generating student interest in the Great Lakes environment.

EDUCATION; STATE-LOCAL COORDINATION; PUBLIC PARTICIPATION; CONFERENCES/ WORKSHOPS

09-026 Illinois. Coastal Zone Management Program.

An Interpretive Tour of the Illinois Coastal Zone. Third Year Work Product. Chicago, Illinois. 92 pp. June 1977. (CZIC)

Discusses a shoreline tour established on the shore of Lake Michigan to assist residents in achieving a better understanding of the complex interactions between physical, social, and man-made features of the coast.

BEACHES/DUNES; EDUCATION; INFORMATION SYSTEMS; COASTAL RESOURCES

09-027 Illinois. Chicago Department of Development and Planning.

Chicago Lakefront Demonstration Project: Environmental Information Directory.

Borek, P., Davenport, R. and C. Unzicker. Chicago, Illinois. Multi pp. July 1977. (CZIC)

An inventory of available information on earth characteristics, coastal processes, hydrology, water quality, meteorology, air quality, plants, animals, and environmental health with a descriptor index.

COASTAL INVENTORIES; GEOLOGY; VEGETATION; WATER QUALITY; WILDLIFE

09-028 Illinois. Coastal Zone Management Program.

Public Participation. Third Year Work Product. Strang, M. L. Chicago, IL. Multi-pp. September 1977. (CZIC)

Executive summary of the public participation activities during the third year planning period by the Lake Michigan Inter-League Group for the Illinois coastal program. Included are the schedules, purposes, etc. for eleven public meetings.

PUBLIC PARTICIPATION

09-029 Illinois Coastal Zone Management Program.

Coastal Geological Studies. Third Year Work Product. Chicago, IL. Multi-pp. October 1977. (CZIC)

Includes a series of four reports on offshore reefs, recreational capacity of beaches and bluffs, the effects of coastal processes on Waukegan and Great Lakes Harbors, and bluff recession and denudation.

BEACHES/DUNES; PUBLIC ACCESS; RECREATION/TOURISM; URBAN AREAS; ISSUES/PROBLEMS

09-030 Illinois. Coastal Zone Management Program.

Lake Michigan Information Symposium, October 11 - 12, 1977 -- Proceedings. Department of Development and Planning. Chicago, IL. 104 pp. October 1977. (CZIC)

Proceedings of a symposium to provide a forum for researchers, bureaucrats, and information specialists to discuss the desirability and feasibility of improving the accessibility of environmental information on the southern basin of Lake Michigan. Texts of presentations are included plus a list of the 53 participants.

INFORMATION SYSTEMS; EDUCATION

09-031 Illinois. Chicago Department of Development and Planning.

Chicago Lakefront Demonstration Project: Cost-Benefit Analysis. Anderson, L. G. and R. F. Settle. Chicago, IL. 77 pp. Bibliography. 1977. (CZIC)

Provides a concise, step-by-step procedure for undertaking a benefit-cost analysis. Intent is to allow personnel to better understand and perform such an analysis.

ECONOMICS

09-032 Illinois. Chicago Department of Development and Planning.

Chicago Lakefront Demonstration Project: Environmental Impact Handbook. Ryner, P. C. Chicago, IL. 73 pp. 1977. (CZIC)

A handbook designed to serve as a guide in assessing the environmental affects of projects developed in accordance with the Lakefront Plan of Chicago (1972). Presents a time and cost-effective approach to environmental analysis.

PROGRAM DEVELOPMENT; PLANNING/MANAGMENT; ECONOMICS

09-033 Illinois. Chicago Department of Development and Planning.

Chicago Lake-front Demonstration Project: Pert Analysis. Chicago, IL. Multi-pp. 1977. (CZIC)

Serves as a guideline document for the members of the governmental planning and engineering community who participate in the process of program development. The report concentrates on the conceptual and interpretive aspects of information transfer.

PROGRAM DEVELOPMENT; GOALS AND OBJECTIVES; INFORMATION SYSTEMS; PLANNING/MANAGEMENT

09-034 Illinois. Coastal Zone Management Program.

Church Street Boat Ramp Study for the City of Evanston, IL. 25 pp. August 1978. (CZIC)

Describes a feasibility study to expand an existing boat ramp. Provides analysis of demand for utilization, various designs, cost estimates and a plan for implementing such development.

MARINAS; BOATING; RECREATION/TOURISM; DEVELOPMENT

09-035 Illinois. Coastal Zone Management Program.

Chicago Lakefront Demonstration Project Subsurface Evaluation. Multi-pp. December 1978.

Provides a summary of existing conditions and engineering characteristics of subsoil at the site. The effects of proposed landfilling are also discussed.

LAND/WATER USE; GEOLOGY; EROSION/SEDIMENTATION

09-036 Illinois. Coastal Zone Management Program.

Beach Erosion Analysis and Protection Plans for Illinois Beach State Park. 171 pp. Appendices. December 1978. (CZIC)

Shoreline processes were reviewed and generally characterized to project future erosion. Control plans were developed and evaluated and an implementation plan is provided for the preferred alternative.

EROSION/SEDIMENTATION; PLANNING/MANAGEMENT

09-037 Illinois. Coastal Zone Management Program.

Continued Evaluation of Silurian Reefs in Lake Michigan as Potential Breeding Sites for Lake Trout. 18 pp. January 1979. (CZIC)

Describes hydrographic mapping of reef areas for examination as potential spawning grounds.

HYDROLOGY; FISH/FISHERIES; GEOLOGY

09-038 Illinois. Coastal Zone Management Program.

Small Boat Recreational Harbor Feasibility Study: Highland Park, IL. 208 pp. February 1979. (CZIC)

Provides an analysis of the engineering, environmental and economic

09-038 Illinois. Coastal Zone Management Program. (continued)

feasibility of marina development. Also examined are the traffic impacts projected by the marina development.

BOATING; ENGINEERING; MARINAS; RECREATION/TOURISM; DEVELOPMENT

09-039 Illinois. Coastal Zone Management Program.

Chicago Lakefront Recreational Boating Survey Report. Multi-pp. 1979. (CZIC)

Characterizes the recreational boaters using the Chicago Lakefront based on a random mail-out questionnaire survey. Information solicited included the type of equipment used, nature of recreation and services desired.

BOATING; RECREATION/TOURISM; MARINAS; ISSUES/PROBLEMS

09-040 Illinois. Coastal Management Program. Division of Water Resources.

Lake Michigan Shore Protection Study: Main Report and Appendices 1-5. December 1980. 461 pp. Springfield, IL. June 1982.

The report and its appendices quantifies the magnitude of the Lake Michigan shoreline erosion problem, discusses the pros and cons of various methods of shore protection engineering and financing for purposes of evaluating the broad, long-term choices to be made in the years to come. Report proposes methods for treatment of the shoreline and correction of problems consistent with alleviation of the overall erosion problem. The appendices include: Appendix 1 - Assessment of Conditions and Processes, Appendix 2 - Effect of the Great Lakes Naval Training Center, Appendix 3 - Shore Protection Alternatives and Guidelines for Selection, Appendix 4 - Recommended Shore Protection Measures, and Appendix 5 - Financing Techniques for Cooperative Shore Protection Measures.

BEACHES/DUNES; EDUCATION; EROSION/SEDIMENTATION; GEOLOGY; RESOURCE PROTECTION

09-041 Illinois. Coastal Zone Management Program.

Harmony with the Lake: Guide to Bluff Stabilization, Lake Michigan, Illinois. Chicago, IL. Pamphlet. No Date. (CZIC)

A "help yourself" brochure prepared to provide Lake Michigan shoreline property owners with information and assistance for stabilizing and revegetating bluffs that have suffered erosion and loss of vegetative core.

BEACHES/DUNES; EDUCATION; INFORMATION SYSTEMS; EROSION/SEDIMENTATION; NATURAL HAZARDS

09-042 Illinois. Coastal Zone Management Program.

Living with the Lake. A Guide to Illinois Lakeshore Management. Chicago, IL. Pamphlet. 24 pp. No Date. (CZIC)

An information pamphlet describing Lake Michigan, its resources, and the activities utilizing those resources. Also discusses certain aspects of the state coastal program such as: boundaries, geographical areas of particular concern, and the program itself.

BEACHES/DUNES; AESTHETICS; EDUCATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; WATER RESOURCES

10-001 Indiana. State Planning Services Agency.

Shorelines. A Publication of the Coastal Zone Management Program. Volume I, Edition I. Indianapolis, IN. 9 pp. 1975. (CZIC)

Presents a newsletter describing coastal zone management related issues and developments. (Subsequent editions have been published.)

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

10-002 Indiana. State Planning Services Agency.

Indiana Land Cover Classification Manual: A Guide to Mapping. Indianapolis, IN. 143 pp. August 1976. (CZIC)

Presents a final documentation on the development of a land cover classification system for the state of Indiana. The classification system is intended for use by planning agencies at the local, regional and state levels. Appendices contain general information on mapping techniques, scales, grid systems, and aerial photography interpretations.

MAPS/MAPPING; REMOTE SENSING; INFORMATION SYSTEMS

10-003 Indiana. State Planning Services Agency.

Inventory of Community Plans, Projects, and Programs. Technical Memorandum I. Indianapolis, IN. Multi-pp. August 1976.

Presents a compilation of data sheets for plans, projects and programs which relate to the coastal zone study area in Lake and Porter Counties. Each data sheet identifies the title of the project, program or plan, the supporting agency and program, an abstract of the project, the performing organization, and the completion data.

STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT

10-004 Indiana. State Planning Services Agency.

A Socioeconomic Description of the Indiana Coastal Zone. Technical Memorandum II. Indianapolis, IN. 39 pp. August 1976.

Describes the socioeconomic conditions in the state's coastal zone in terms of population trends, population characteristics, personal and family finance, and employment. Regional forecasts of population and employment are made.

SOCIOECONOMICS; ECONOMICS; POPULATION; COASTAL INVENTORIES

10-005 Indiana. State Planning Services Agency.

Coastal Zone Management Program. A Review. Indianapolis, IN. Multi-pp. 1976. (CZIC)
Provides an abbreviated overview of the Indiana Coastal Zone Management Program with the aim of introducing the program and outlining the general purpose.

PROGRAM DESCRIPTION; PUBLIC PARTICIPATION

10-006 Indiana. State Planning Services Agency. Coastal Zone Management Program.

Phase 1: Indiana's Coastal Zone Management Program (a 25 minute slide presentation). Indianapolis, IN. Multi-pp. 1976. (CZIC)

Present captions to 112 slides describing the state coastal management program and related materials.

PUBLIC PARTICIPATION

10-007 Indiana. State Planning Services Agency.

An Inventory of Man-Made Land along the Indiana Shoreline of Lake Michigan. Technical Report No. 304. Kimball, C. Indianapolis, IN. 27 pp. April 1979.

Compiles an inventory of man-made land along the Indiana shoreline of Lake Michigan from 1907 to current day. Inventory includes acreage of authority to fill, date of authority to fill, acreage patented, acreage remaining to be patented and maps identifying fill sites.

COASTAL INVENTORIES; DEVELOPMENT; REGIONAL IMPACT; LAND/WATER USE; DREDGING

10-008 Indiana. State Planning Services Agency.

An Inventory of Natural Areas in the Indiana Coastal Zone Area. Technical Report No. 302. Indianapolis, IN. 71 pp. April 1979.

Compiles technical information on significant natural coastal resources including: 1) an inventory and evaluation of natural areas, 2) a compilation of existing information, 3) locating and identifying populations of endangered and threatened plant species.

COASTAL INVENTORIES; COASTAL RESOURCES; VEGETATION; WILDLIFE

10-009 Indiana. State Planning Services Agency

A Priority Rating of Selected Wetlands in the Indiana Coastal Zone Study Area. Technical Report No. 303. 173 pp. April 1979.

A method of rating land on a priority basis for future acquisition as wetland method conservation areas was developed for evaluating approximately 45 selected wetlands within the coastal drainage area of Lake Michigan in Indiana.

WETLANDS; PERMISSIBLE USES; LAND/WATER USE

10-010 Indiana. State Planning Services Agency.

Public Access to the Indiana Shoreline of Lake Michigan and Selected Tributaries. Technical Report No. 205. Lines, S. 173 pp. April 1979.

Assesses the Indiana shoreline for public recreational access and provides the necessary information for the development of state policy on lakefront public access. Beaches are defined, public areas meeting this definition are delineated and public shoreline areas other than beaches are examined for environmental, recreational, historic, aesthetic, ecological or cultural value. The report analyzes the demand, supply and shortage for each major recreational opportunity in the shoreline area. Accessibility of the fishery resource is analyzed. Inventory of legal authorities, funding programs and other techniques are compiled to help meet the management needs identified in the study.

BEACHES/DUNES; PUBLIC ACCESS; RECREATION/TOURISM; CULTURAL/HISTORICAL RESOURCES; ISSUES/PROBLEMS

10-011 Indiana. State Planning Services Agency.

Shoreline Erosion along the Indiana Coast of Michigan. Technical Report No. 307. Kimball, C. Indianapolis, IN. 41 pp. April 1979.

Describes the weathering and erosion processes that bring about shoreline erosion, such as climate, geology, littoral currents and sediment transport, etc. Identifies specific areas of concern along the Indiana shoreline and discusses the existing legislative authority and policy for mitigating shoreline hazards.

EROSION/SEDIMENTATION; GEOLOGY; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

10-012 Indiana. State Planning Services Agency.

The Indiana Management Plan: Economic Impact Models. Technical Report No. 308. Indiana Department of Commerce. 219 pp. June 1979.

Report demonstrates the contribution that economic analysis can make to

10-012 Indiana. State Planning Services Agency. (continued)

coastal management. It describes a group of regional economic models applicable to the coastal zone such as economic base analysis, shift shore analysis, input-output models econometric models, locational analysis models (cost or demand-oriented models), cost benefit analysis. Some models are applied on an industry-by-industry basis to identify the major source of employment and income and to provide a guide for the determination of permissible and priority of uses. Two problems pertaining to the coastal zone are evaluated: the consequences of air quality nonattainment and declining steel employment.

ECONOMICS; DEVELOPMENT

10-013 Indiana. State Planning Services Agency.

Elements of a One Stop Permit Process for Energy Facilities in Indiana. Indiana University. Bloomington, IN. 11 pp. August 1979.

Provides a preliminary review of the issues involved in the development of a one stop coastal energy facility permitting system. Lists of permits and Indiana code citations for traditional electric utility siting in Indiana.

PERMITS/PERMITTING; PERMISSIBLE USES; LAWS/LEGISLATION; ISSUES/PROBLEMS

10-014 Indiana. State Planning Services Agency.

Energy Facility Siting Review. Technical Report No. 306. Indiana University. Bloomington, IN. 121 pp. Appendices. August 1979.

Compiles a physical inventory of socioeconomic parameters which may affect energy demand as well as a survey of existing and proposed energy systems in the coastal zone. Current state, Federal and corporate energy policies which may affect energy growth in the coastal zone are reviewed. A scenario of growth in regional electricity need is drawn, and state policy alternatives to meet future energy needs is drawn, and state policy alternatives to meet future energy needs are presented. Institutional problems in implementing these policies are examined.

COASTAL INVENTORIES; SOCIOECONOMICS; POPULATION; ENERGY; ENERGY FACILITY SITING; LAWS AND LEGISLATION; ISSUES/PROBLEMS

10-015 Indiana. State Planning Services Agency.

Indiana Coastal Energy Facilities Inventory. 11 pp. August 1979.

A detailed inventory of Indiana's coastal related energy facilities including: name of facility, operator, address, facility type, activity capacity, operating data, expansion dates, anticipated expansion dates, peak operating employment, source of information.

10-015 Indiana. State Planning Services Agency. (continued)

ENERGY; ENERGY FACILITY SITING; ENGINEERING; COASTAL INVENTORIES.

10-016 Indiana. State Planning Services Agency.

Jeorse Park Road Access Study: East Chicago, Indiana. 22 pp. July 1980.

Presents recommendations for lakefront park redevelopment. Plans include facilities upgrading for recreational boating, fishing, passive play areas, hiking and parking.

PUBLIC ACCESS; RECREATION/TOURISM; PLANNING/MANAGEMENT

10-017 Indiana. State Planning Services Agency.

Whiting Park Shoreline and Park Development Study. 55 pp. July 1980.

Presents a site development plan for a beachfront park and shore area that provides for restoration of a beach as a bathing and fishing area. Plan is based on a site inventory and feasibility studies for beach nourishment.

COASTAL INVENTORIES; EROSION/SEDIMENTATION; BOATING; BEACHES/DUNES; RECREATION/TOURISM

10-018 Indiana. State Planning Services Agency.

Hammond Marina Access Study. 55 pp. August 1980.

Provides an access plan for developmemt of a boat marina. Concerns addressed are for safe and convenient access by users of the marina and nearby commercial and residential users of the area.

PUBLIC ACCESS; MARINAS; RECREATION/TOURISM

10-019 Indiana. State Planning Services Agency.

Michigan City Development Plan. 96 pp. Appendix. December 1980.

Presents a conceptual plan for redevelopment opportunities identified for the city. The plan examines three projects focusing on existing conditions, proposed development and an implementation plan for: pedestrian access, recreational boating and lakeshore transit and an information center.

PORTS/WATERFRONTS; RECREATION/TOURISM; PUBLIC ACCESS; BOATING; TRANSPORTATION

10-020 Indiana. State Planning Services Agency (Coastal Energy Impact Program).

The Rail Accident Disaster Response Plan for the Coastal Zone of Northwest Indiana. 20 pp. Highland, IN. February 1981.

Phase 1 report of disaster response for lakeshore communities with only single access routes that are routinely blocked by coal trains.

ENERGY IMPACTS; TRANSPORTATION

10-021 Indiana. Department of Natural Resources (Coastal Energy Impact Program)

Burns Waterway Harbor Export Coal Feasibility Report to the Indiana Port Commission. Portage, IN. 80 pp. October 1981.

Report discusses coal demand, shipping midwest coal via alternative methods, physical facility requirements, and environmental and economic impacts.

ENERGY FACILITY SITING; COAL TRANSPORTATION/STORAGE; ECONOMICS; ENVIRONMENTAL IMPACTS

10-022 Indiana. State Planning Services Agency.

Shoreline Situation Report: La Porte County, Indiana. 74 pp. Appendix. 1981.

Provides a compilation and assessment of natural changes in shoreline and evaluates man-made structures to stabilize coastal erosion.

EROSION/SEDIMENTATION; PLANNING MANAGEMENT

10-023 Indiana. State Planning Services Agency.

A Site Preservation Plan for Marktown Historic District: East Chicago, Indiana. 39 pp. 1981.

Plan identifies historic resources, provides for a transition between the residential and surrounding industrial area and improving the visual and physical environment.

CULTURAL/HISTORICAL RESOURCES; AESTHETICS; PLANNING/MANAGEMENT

11-001 Louisiana. State Planning Office. Coastal Resources Program.

Cote de la Louisiane. Louisiana Coastal Resources Newsletter. Volume I, No. 1. Baton Rouge, LA. 4 pp. June 1975.

Presents a public information brief describing coastal issues and the state's coastal zone management efforts. (Subsequent editions have been produced.)

PUBLIC PARTICIPATION; ISSUES/PROBLEMS

11-002 Louisiana. State Planning Office. Coastal Resources Program.

Louisiana Coastal Resource Inventory. Four Volumes. Burk and Associates, Inc. Baton Rouge, LA. Multi-pp. June 1975. (CZIC)

Vol. I: Provides an inventory of Louisiana's geographic areas of particular concern which have recreational, historical, cultural, archaeological, and development significance.

Vol. II: Describes methods of assessing environmental impacts and the "state of the art" as it exists in the state of Louisiana.

Vol. III: Analyzes completed, under construction, and proposed projects which may have a significant impact on Louisiana's coastal areas.

Vol. IV: An atlas depicting information in Volume II and III.

COASTAL INVENTORIES; COASTAL RESOURCES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CULTURAL/HISTORICAL RESOURCES; DEVELOPMENT

11-003 Louisiana. State Planning Office. Coastal Resources Program.

Louisiana Metropolitan Wetlands: A Planning Perspective. Mumphrey, A. J., et. al. Baton Rouge, LA. 232 pp. October 1975. (CZIC)

Presents information concerning wetlands and their relationship to metropolitan areas. Also presents a decision-making framework in which their information could be used to make national wetland development decisions. Chapters examine for wetlands: 1) general description , 2) land use in metropolitan wetlands, 3) impacts of urban development, 4) economic value, 5) construction and maintenance costs, 6) forecasting future uses, and 7) a decision framework for urban wetland developments.

URBAN AREAS; WETLANDS; LAND/WATER USE; DEVELOPMENT; ECONOMICS

11-004 Louisiana. State Planning Office. Coastal Resources Program.

Presence, Growth Trends, and Environmental Impact on Louisiana's Wetlands Settlements. Nicholls State University. Baton, Rouge, LA. 136 pp. Tables, Maps. October, 1975. (CZIC)

Assesses present socioeconomic and development conditions in six Louisiana coastal parishes. Also examines impacts of growth on wetlands and projects future trends and potential growth. General topics examined include land use, population, employment, infrastructure categories (e.g., power plants highways, oil and gas) and natural economic resources (e.g., wetlands and fish stocks).

DEVELOPMENT; SOCIOECONOMICS; WETLANDS; LAND/WATER USE; POPULATION; COASTAL INVENTORIES; INDUSTRY/COMMERCE

11-005 Louisiana. State Planning Office. Coastal Resources Program.

A Rationale for Determining Louisiana's Coastal Zone. McIntire, W. A., et. al. LA Wildlife and Fisheries Commission, LA Coastal Commission and LA Sea Grant Program. Coastal Zone Management Series, Report #1. LSU-T-75-006. Baton Rouge, LA. 91 pp. Maps. November 1975. (CZIC)

Provides a compendium of data and a rationale for use on delineating Louisiana's coastal zone from a legal/governmental and biophysical perspective. Legal/government criteria are discussed for determining lateral, seaward, inland boundaries and considers boundary definition, navigable water and flood plain zoning. Biophysical criteria are discussed only from the perspective of defining an inland boundary and considers geology, elevation, soil, vegetation, flooding, salinity, and species distribution.

BOUNDARIES

11-006 Louisiana. State Planning Office. Coastal Resources Program.

An Analysis of Agriculture, Forestry, and Mariculture in the Coastal Zone of Louisiana. University of Southwestern Louisiana. Baton Rouge, LA. Multi-pp. Maps. 1975. (CZIC)

Separate sections investigate for Louisiana's coastal zone: agriculture, forestry, economic growth, the significance of agriculture and forestry, and aquaculture.

AGRICULTURE; FORESTRY/LOGGING; COASTAL INVENTORIES; ECONOMICS; AQUACULTURE

11-007 Louisiana. State Planning Office. Coastal Resources Program.

Coastal Resource Management in Louisiana: A Way to Return Wetlands Control to State and Local Interests. Draft. Baton Rouge, LA. 9 pp. 1975.

11-007 Louisiana. State Planning Office. Coastal Resources Program. (continued)

Expresses concern about Federal agencies' extensive authorities over the use of Louisiana wetlands. Its implications for residents and state and local governments is considered.

FEDERAL AGENCIES; FEDERAL CONSISTENCY; WETLANDS; STATE-LOCAL COORDINATION

11-008 Louisiana. State Planning Office. Coastal Resources Program.

Legal Consideration in Defining the Louisiana Coastal Zone Boundary. Louisiana State University. Sea Grant Legal Program. Baton Rouge, LA. 63 pp. 1975.

Discusses possible lateral, seaward and inland coastal zone management boundaries from a legal perspective. Discussion of the inland boundaries includes Federal regulatory boundaries under the commerce clause, the limits of admiralty jurisdiction, the 100-year flood elevation line, and the storm surge reference line. Also discussed are the criteria for the inland boundary required by the Coastal Zone Management Act, the U.S. Constitution, and state law.

BOUNDARIES; LAWS & LEGISLATION; FLOODS/FLOODING

11-009 Louisiana. State Planning Office. Coastal Resources Program.

A Non-Metro Growth Analysis. Nicholls University. Baton Rouge, LA. 136 pp. 1975. (CZIC)

A study of two coastal parishes on the chenier plain, Cameron and Vermillion, and four on the deltaic plain, St. Mary, Terrebonne, Lafourche and Plaquemines. All have large wetlands and strip settlements - the focus of the study. The present assessment examines land use, soils, population and economic base data and infrastructure. Two more sections describe the impact of growth on wetlands (land loss and gain; fishing, trapping and other fauna; oil and gas extraction; power plants) and trends and potential growth (land use, population, employment, energy, and highways).

DEVELOPMENT; WETLANDS; LAND/WATER USE; POPULATION; ECONOMICS; PETROLEUM INDUSTRY; ENERGY

11-010 Louisiana. State Planning Office. Coastal Resource Program.

Barataria Basin: Salinity Changes and Oyster Distribution. Van Sickle, V. R., et. al. University of Louisiana. Sea Grant Publication No. LSU-T-76 002. Baton Rouge, LA. 52 pp. Spring 1976. (CZIC)

Correlates biology, production and distribution of the American Oyster with environmental factors in the lower Barataria basin. Salinity changes and trends in the area are recorded and the effects of these changes on oyster

11-010 Louisiana. State Planning Office. Coastal Resource Program. (continued)

fisheries is considered.

FISH/FISHERIES; MARINE BIOLOGY; COASTAL RESOURCES; COASTAL WATERS; ESTUARIES

11-011 Louisiana. State Planning Office. Coastal Resources Program.

Currents and circulation in the Coastal Waters of Louisiana. Murry, S. L. University of Louisiana. Sea Grant Publication No. LSU-T-76-003. Baton Rouge, LA. 71 pp. Maps. Spring 1976. (CZIC)

Reviews and assesses available knowledge of circulation and currents in the coastal waters of Louisiana. A list of research priorities to allow better utilization of coastal waters is presented at the end of the report.

COASTAL WATERS; COASTAL INVENTORIES; ESTUARIES

11-012 Louisiana. State Planning Office. Coastal Resources Program.

Description of Louisiana's Coastal Zone Boundary. A Supplement to a Rationale for Determining Louisiana's Coastal Zone. Louisiana State University. 18 pp. Spring 1976. (CZIC)

Presents a verbal delineation of the inland boundary of the Louisiana coastal zone by parish. This boundary was originally delineated on either 7 1/2 or 15 minute quandrangles which are listed at the end of the verbal delineation.

BOUNDARIES; MAPS/MAPPING

11-013 Louisiana. State Planning Office. Coastal Resources Program.

Environmental Factors Relating to Louisiana's Menhaden Harvest. Stone, J. H. Louisiana State University. Sea Grant Publications No. LSU-T-76-004. Baton Rouge, LA. 68 pp. Spring 1976. (CZIC)

Correlates the environmental factors of temperature, rainfall, tides, and winds in coastal Louisiana with the Louisiana menhaden harvest.

FISH/FISHERIES; MARINE BIOLOGY; CLIMATE/WEATHER

11-014 Louisiana. State Planning Office. Coastal Resources Program.

Barataria Basin: Biological Characterization. Bahr, L. M. and J. J. Hebrard LA Wildlife and Fisheries Commission, LA Coastal Commission, and the LA Sea Grant Program. Sea Grant Publication NO. LSU-T-76-005. Baton Rouge, LA. 140 pp. May 1976. (CZIC)

11-014 Louisiana. State Planning Office. Coastal Resources Program. (continued)

Presents a functional description of biological processes at the basin and habitat level, including rainfall, tidal flow, wind temperature. Also summarizes research on distribution and abundance of animal groups.

WILDLIFE; FISH/FISHERIES; MARINE BIOLOGY; ESTUARIES; CLIMATE/WEATHER

11-015 Louisiana. State Planning Office. Coastal Resources Program.

A Nine-Point Recommendation for Coastal Resources Management to Develop Louisiana's Wetlands. Mendelsson, I. A., et al. Multi-pp. Baton Rouge, LA. May 1976.

A discussion of the case for management of Louisiana's coastal resources.

WETLANDS; PLANNING/MANAGEMENT

11-016 Louisiana. State Planning Office. Coastal Resources Program.

Barataria Basin: Eutrophication Case History. Craig, N. J. and J. W. Day. LA Coastal Commission, the LA Wildlife and Fisheries Commission and the LA Sea Grant Program. Baton Rouge, LA. 21 pp. June 1976. (CZIC)

Presents an assessment of the cumulative impact of eutrophication (addition of nutrients to water) on the nursery grounds of the Barataria Basin, including sources and seasonal effects. Also, discusses the effects of salinity changes.

WATER QUALITY; COASTAL WATERS; MARINE BIOLOGY; ESTUARIES

11-017 Louisiana. State Planning Office. Coastal Resources Program.

Barataria Basin: Geologic Processes and Framework. Adams, R. D., et.al. LA Wildlife and Fisheries Commission, the LA Coastal Commission, and the LA Sea Grant Program. Sea Grant Publication No. LSU-T--76-008. Baton Rouge, LA. 103 pp. Maps. June 1976. (CZIC)

Describes the landforms and processes that are operative in Louisiana's coastal wetlands. Also, discusses processes that cause marsh deterioration and land loss with studies of coastal erosion, etc.

WETLANDS; GEOLOGY; EROSION/SEDIMENTATION; COASTAL WATERS

11-018 Louisiana. State Planning Office. Coastal Resources Program.

Barataria Basin: Hydrologic and Climatologic Processes. Byrne, P., et. al. LA Wildlife and Fisheries Commission, the LA Coastal Commission, and the LA Sea Grant Program. Sea Grant Publication No. LSU-T-76-010. Baton Rouge, LA. 176 pp. June 1976. (CZIC)

Gives hydrologic aspects of the basin, including data on water level changes, meteorological driving forces, tides, salinity and water temperature. Also, analysis of environmental responses to weather types.

COASTAL WATERS; CLIMATE/WEATHER; COASTAL INVENTORIES; ESTUARIES

11-019 Louisiana. State Planning Office. Coastal Resources Program.

Coastal Zone Management Information Inventory. Imperial Calcasieu Regional Planning and Development Commission. Lake Charles, LA. 75 pp. June 1976. (CZIC)

Contains information relevant to the three parishes in the southwestern Louisiana coastal zone - Calcasieu, Cameron, and Jefferson Davis. Task II is a list of nominees for a Coastal Zone Advisory Committee. Task III provides an annotated bibliography and discussion of current coastal planning activity in the southwestern coastal zone and a consensus of needs for a coastal zone management program. Existing shoreline uses, projected and potential shoreline use, projected land use for 1980 and 1985, and the availability of land for projected needs are discussed in Task IV. Task V concludes the study with a parish governmental report.

COASTAL INVENTORIES; PUBLIC PARTICIPATION; BIBLIOGRAPHY; PROGRAM DEVELOPMENT; LAND/WATER USE

11-020 Louisiana. State Planning Office. Coastal Resources Program.

Oil and Gas Use Characterization, Impacts, Guidelines. Conner, W. H., et. al. LA Wildlife and Fisheries Commission, LA Coastal Commission, and LA Sea Grant Program. Sea Grant Publication No. LSU-T-76-006. Baton Rouge, LA. 148 pp. June 1976. (CZIC)

Discusses in a non-technical survey, preliminary guidelines for optimizing production and minimizing impact of activities associated with the mineral extraction industry in the Barataria Basin. Specifies guidelines for mitigation of exploration, dredging, drilling, treating oil field emulsions, pipe laying, and brine disposal.

PETROLEUM INDUSTRY; DREDGING; MARINE MINING; COASTAL RESOURCES; ENGINEERING

11-021 Louisiana. State Planning Office. Coastal Resources Program.

Unique Ecological Features of the Louisiana Coast. Burk and Associates, Inc. Baton Rouge, LA. 39 pp. Maps. June 1976. (CZIC).

Describes 23 categories of unique ecological features (zoological, botanical, and geological) of the Louisiana coast.

CRITICAL AREAS; COASTAL RESOURCES; COASTAL INVENTORIES

11-022 Louisiana. State Planning Office. Coastal Resources Program.

The Impact of Outer Continental Shelf Development on Louisiana. Farber, S. and D. Johnson. Baton Rouge, LA. 143 pp. July 1976. (CZIC)

Contains data on OCS development and some financial implications for the state, in addition to alternative methodologies, and their related evaluations, for measuring the impact of petroleum and gas mining activity. Includes a summary of input-output technology, a description of the OCS industry, a methodology for estimating OCS related expenditures and their impacts on the state, a methodology to estimate fiscal impact, and a discussion of environmental impact and literature.

OCS; DEVELOPMENT; ECONOMICS; PETROLEUM INDUSTRY; REGIONAL IMPACT; BIBLIOGRAPHY

11-023 Louisiana. State Planning Office. Coastal Resources Program.

Coastal Zone Management in the Metropolitan New Orleans Region. Mumphrey, A. J., et. al. New Orleans, LA. 394 pp. Maps. August 1976. (CZIC)

Designed to provide parishes in the New Orleans metropolitan region with information that will facilitate the formulation of coastal zone management (CZM) plans. Chapter 1 is a directory of technical coastal zone experts, special interest groups who use the coastal zone frequently, and general interest groups. Chapter 2 discusses coastal zone activities, uses and the present management efforts of the parishes. In Chapter 3 the amount and location of various land uses by parish is projected for 1980 and 1985. Chapter 4 describes the process through which projects (transportation, mineral extraction) are approved and carried to implementaion. Finally, Chapter 5 develops a model for state CZM plans.

PLANNING/MANAGEMENT; PUBLIC PARTICIPATION; LAND/WATER USE; TRANSPORTATION; PROGRAM DEVELOPMENT; URBAN AREAS.

11-024 Louisiana. State Planning Office. Coastal Resources Program.

The Impacts of Continental Shelf Development on Lafourche Parish. Mumphrey, A. J. et. al. University of New Orleans. Baton Rouge, LA. 383 pp. Maps. August 1976. (CZIC)

11-024 Louisiana. State Planning Office. Coastal Resources Program. (continued)

This attempts to survey the impacts of OCS mining activity on Lafourche Parish in terms of employment, income, job types, environmental effects, and required supporting facilities and services.

SOCIOECONOMICS; ECONOMICS; PETROLEUM INDUSTRY; OCS; INDUSTRY/COMMERCE; REGIONAL IMPACT; TRANSPORTATION

11-025 Louisiana. State Planning Office. Coastal Resources Program.

Impacts of Outer Continental Shelf Activities: Lafourche Parish, Louisiana. Happ, G., et. al. LA Wildlife and Fisheries Commission, LA Coastal Commission, LA Sea Grant Program. Baton Rouge, LA. 140 pp. August 1976. (CZIC)

Examines three OCS development categories (mineral extractions, navigation, and transportation) for specific activities and facilities and their environmental impacts. Guidelines for OCS related activities are suggested.

OCS; MARINE MINING; PETROLEUM INDUSTRY; TRANSPORTATION; NAVIGATION; COASTAL WATERS; SOCIOECONOMICS

11-026 Louisiana. State Planning Office. Coastal Resources Program.

A Process for Coastal Resource Management and Impact Assessment. Gagliano, S., et. al. 72 pp. Maps. August 1976. (CZIC)

Presents a background for understanding resource management and an overview of naturally occurring and man-made physical conditions that may be encountered in the Louisiana coastal area. Also, it presents a practical procedure for developing a local coastal resource management program and a systematic approach to resource management and assessment of onshore impacts resulting from Outer Continental Shelf-related resource development.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; STATE-LOCAL COORDINATION; OCS; ENERGY; ENVIRONMENT; GEOLOGY; WETLANDS; CLIMATE/WEATHER; DEVELOPMENT; GOALS/OBJECTIVES

11-027 Louisiana. State Planning Office. Coastal Resources Program.

Legal authorities for Control of Land Uses in Coastal Louisiana. Midboe, K. G., et. al. Baton Rouge, LA. 38 pp. November 1976. (CZIC)

Discusses the legal authorities of the federal, state and local governments to control the use of land in the coastal zone.

LAND/WATER USE; LAWS & LEGISLATION; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

11-028 Louisiana. State Planning Office. Coastal Resources Program.

Guidelines for Agriculture and Forestry in the Louisiana Coastal Zone. Stallings, E. F., et. al. 16 pp. December 1976. (CZIC)

The primary purpose of these guidelines is to maintain and increase the productivity of silvicultural and agricultural resources of the coastal zone in a manner compatible with other uses. The guidelines for forestry are designed to be of use should harvesting occur and are applicable where permits are sought to clear swampland for other uses. Concludes with a discussion of the decision process for permit approval.

AGRICULTURE; FORESTRY/LOGGING; WETLANDS; PERMITS/PERMITTING

11-029 Louisiana. State Planning Office. Coastal Resources Program.

Urban Development in the Louisiana Coastal Zone: Problems and Guidelines. Mumphrey, A. J., et. al. New Orleans, LA. 142 pp. December 1976. (CZIC)

Seeks to examine the entire urban development process as it affects wetlands, identify problems and propose guidelines to mitigate them. Chapter 1 reviews existing coastal zone ordinances and regulations at the parish level and looks at whether wetlands characteristics have been considered. Chapter 2 looks at the sequences of urban development. For those parts which are inadequately regulated, guidelines are recommended in Chapter 3 in the form of statewide policies and parish-wide ordinance amendments. Chapter 4 concludes the study with a discussion of the process for developing future urban development regulations in the coastal zone.

DEVELOPMENT; URBAN AREAS; ISSUES/ PROBLEMS; WETLANDS; LAND/WATER USE; ZONING; PLANNING/MANAGEMENT

11-030 Louisiana. State Planning Office. Coastal Resources Program.

The Coastal Zone: An Overview of Economic, Recreational and Demographic Patterns. Renner, J. R. Baton Rouge, LA. 90 pp. 1976. (CZIC)

Examines resource based activities in the coastal zone (mining, agriculture, fish, trapping and navigation), regional economic resource use (divided by regions), population and settlement patterns, and recreation patterns.

ECONOMICS; POPULATION; RECREATION/TOURISM; COASTAL RESOURCES; AGRICULTURE; FISH/FISHERIES; NAVIGATION

11-031 Louisiana. State University. Center for Wetland Resources.

Wetland Use Practices: Fishing and Trapping. Final Report. Conner, W. H. Baton Rouge, LA. 116 pp. April 1977. (CZIC)

11-031 Louisiana. State University. Center for Wetland Resources. (continued)

Discusses the resource, industry, and present management techniques relating to shrimp, menhaden, oyster, blue crab, industrial bottomfish, sport fish, crawfish and trapping. Yearly trends in harvests and differences in activity across the state are described where known. Finally an attempt is made to describe what factors or activities affect the industry and how the industry itself may affect the environment.

WETLANDS; FISH/FISHERIES; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT; COASTAL RESOURCES

11-032 Louisiana. State Planning Office. Coastal Resources Board.

Louisiana Coastal Resources. Baton Rouge, LA. 85 pp. With Attachment. Spring 1977. (CZIC)

Discusses the Louisiana coastal area, coastal zone management, the location of the boundary, permissible uses, Louisiana and the Federal government, public participation, and the Outer Continental Shelf. Concludes with two appendices which list the Louisiana Coastal Resources Work Products and Who's Who in the Louisiana coastal area.

PLANNING/MANAGEMENT; COASTAL RESOURCES; PUBLIC PARTICIPATION

11-033 Louisiana. State Planning Office. Coastal Resources Board.

Projected Parish Land Needs. Baton Rouge, LA. Multi-pp. April 1977.

Inventories of existing and coastal land needs by coastal parish. A brief outline of existing land utilization is compared by projected demands for selected land needs through 1985.

COASTAL INVENTORIES; LAND/WATER USE; PLANNING/MANAGEMENT

11-034 Louisiana. State Planning Office. Coastal Resources Program.

A Jetty from Point Chevreuil: An Evaluation of a Proposal to Reduce Sedimentation in the Cote Blanche Bays and Vermillion Bay. Coastal Environments, Inc. Baton Rouge, LA. 60 pp. Maps. June 1977. (CZIC)

This document discusses the delta system and the Vermillion Atchafalaya Bay, fisheries in this bay complex, water movements and mixing, sedimentation, and effects of a jetty on sediment transport. Concludes with a summary and recommendation.

ENGINEERING; ESTUARIES; FISH/FISHERIES

11-035 Louisiana. State Planning Office. Coastal Resources Program.

Climatology, Hydrology, and Dydrology of the Vermillion Basin. Louisiana State University. Baton Rouge, LA. 55 pp. June 1977. (CZIC)

Two sections: Vermillion Basin: Synoptic Weather Types and Environmental Responses; and Vermillion Basin: Hydrologic and Hydrographic Processes (including a precis of water management practice). Both contain a bibliography.

CLIMATE/WEATHER; WATER RESOURCES; BIBLIOGRAPHY

11-036 Louisiana. State Planning Office. Coastal Resources Program.

Cumulative Impact Studies in the Louisiana Coastal Zone: Eutrophication and Land Loss. Editors, Craig, N. J. and J. W. Day. Baton Rouge, LA. 157 pp. Maps. June 1977. (CZIC)

Develops quantitative indices for measuring eutrophication based on data from Barataria Basin, and applies these indices to other areas of the coast to determine the trophic status in the coastal zone. Then indicates areas where data was insufficient and suggests management guidelines which could have an ameliorative impact.

WETLANDS; POLLUTION; PLANNING/MANAGEMENT

11-037 Louisiana. Louisiana State University.

Model Local Government Ordinances. Louisiana State University, Sea Grant Legal Program. Baton Rouge, LA. Multi-pp. June 1977.

An analysis of the authority of local governments to enact local CZM ordinances; contains two types of model ordinances.

LAWS & LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS

11-038 Louisiana. State Planning Office. Coastal Resources Program.

Model Local Government Ordinances. Sea Grant Legal Program. Baton Rouge, LA. Multi-pp. June 1977. (CZIC)

Provides a model coastal zone management (CZM) ordinance, and a model CZM ordinance using performance requirements with injunctive enforcement. Common considerations and particular problems regarding certain types of local governments (home rule or non-home rule) are discussed in connection with the first type of ordinance, which relies on permit approval. The performance standards made by contrast, rely on general compliance without the necessity of permit approval.

11-038 Lousiana. State Planning Office. Coastal Resources Program. (continued)

ZONING; LAND/WATER USE

11-039 Louisiana. State Planning Office. Coastal Resources Program.

Outer Continental Shelf Impacts, Morgan City, Louisiana. Stallings, E. F., et. al. Lafayette, LA. 326 pp. Map Attachment. June 1977. (CZIC)

Examines the physical setting, economic characteristics, social and cultural characteristics, government structures, and policy municipal services, and transportation. The overall conclusion is that the advantages to Morgan City from OCS development have far outweighed the disadvantages.

OCS; COASTAL RESOURCES; ECONOMICS; CULTURAL/HISTORICAL RESOURCES; STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT; TRANSPORTATION; DEVELOPMENT

11-040 Louisiana. State Planning Office. Coastal Resources Program.

Potential Preservation and Restoration Areas in the Louisiana Wetlands. Burk and Associates, Inc. Baton Rouge, LA. 64 pp. June 1977. (CZIC)

Establishes standards and criteria for preservation and restoration of areas, evaluates potential preservation areas, and gives a priority ranking to these preservation areas. A study was also made of potential restoration areas, primarily those most affected by saltwater intrusion erosion, and land loss. Fifty potential natural areas were selected, most of which are remote, relatively inaccessible, and little altered from their natural state.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; EROSION/SEDIMENTATION; WETLANDS

11-041 Louisiana. State Planning Office. Coastal Resources Program.

Simulated Hydrologic Effects of Canals in Barataria Basin: A Preliminary Study of the Cumulative Impacts. Stone, J. H. and G. F. McHugh. Baton Rouge, LA. Multi-pp. June 1977. (CZIC)

Investigates the feasibility of using hydrologic modeling to assess simulative effects of channelization in the lower Barataria Basin, and suggests hydrologic parameters which are important for developing guidelines.

WETLANDS; NAVIGATION

11-042 Louisiana. State Planning Office. Coastal Resources Program.

OCS Development in Coastal Louisiana: A Socio-Economic Impact Assessment. Mumphrey, A. J. New Orleans, LA. 272 pp. August 1977. (CZIC)

11-042 Louisiana. State Planning Office. Coastal Resources Program. (continued)

Quantifies socioeconomic impacts in terms of economic production, jobs, population, and public service costs. Related topics concerning the Federal Coastal Energy Impact Program, the additional costs of urban development in wetlands, local planning capabilities and citizen involvement are also discussed.

OCS; SOCIOECONOMICS; ECONOMICS; POPULATION; ENERGY; DEVELOPMENT; WETLANDS; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT

11-043 Louisiana. State Planning Office. Coastal Resources Program.

Recreation Potential Along the Louisiana Coast. Proposed New and Expanded Sites for Recreation. Burk and Associates, Inc. Baton Rouge, LA. 9 pp. Map. 1977. (CZIC)

Presents a list, arranged by parish, containing recommendations for expansions of existing facilities and new potential sites (fish piers, swamp parks, chenier ridges, etc.). Sites are recommended in areas that can withstand additional use. In Louisiana, the use of beaches, campgrounds and parks near urban areas is particularly heavy.

RECREATION/TOURISM; FACILITY SITING; BEACHES/DUNES; PLANNING/MANAGEMENT; DEVELOPMENT

11-044 Louisiana. Department of Transportation and Development. Coastal Management Section.

The Value of Wetlands in the Barataria Basin. Mumphrey, A. J., et. al. New Orleans, LA. 151 pp. June 1978.

This study discusses the socioeconomic and ecological systems of the Barataria Basin, including population growth and the structure of the Barataria Region's economy. Also discussed are several methods for computing the economic value of the Barataria wetlands.

AESTHETICS; ECONOMICS; SOCIOECONOMICS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; POPULATION; WETLANDS

11-045 Louisiana. Department of Transportation and Development.

Louisiana Shorefront Access Plan. Burk and Associates, Inc. Baton Rouge, LA. 127 pp. August 1978. (CZIC)

The purpose of the document is to provide for the improvement of coastal shoreline recreational opportunities. Presents a list of shorefront locations which are appropriate for acquisition or expansion as public recreation or preservation areas. Also discusses the provision of access to existing and

11-045 Louisiana. Department of Transportation and Development. (continued)

proposed public shorefronts. Facility recommendations, cost estimates and possible sources of funding are included, as well as management guidelines. The process involves aesthetic, environmental, historical, cultural, recreational and ecological considerations.

RECREATION/TOURISM; PUBLIC ACCESS; PLANNING/MANAGEMENT; ECONOMICS; AESTHETICS; CULTURAL/ HISTORICAL RESOURCES.

11-046 Louisiana. Department of Transportation and Development, Coastal Management Section.

A Potential Indicator of the Cumulative Impact of Sublethal Stress in Coastal Plant Communities. I. A. Mendelssohn, et. al. Baton Rouge, LA. 50 pp. August 1978.

This study provides preliminary information indicating the suitability of adenylate composition and/or E.C. ration, a measure of energy rich compounds, as a monitor of environmental stress in coastal plant communities. Positive correlations were obtained in some cases, but additional testing is required.

AGRICUTLURE; MONITORING; VEGETATION

11-047 Louisiana. Department of Transportation and Development, Coastal Management Section.

Shoreline Erosion in Coastal Louisiana: Inventory and Assessment. Adams, R. D., et. al. Baton Rouge, LA. 139 pp. August 1978.

The objectives of this study are to develop a methodology that would enable decision makers to 1) assess the extent to which shoreline erosion is presently occurring in coastal Louisiana, 2) determine the geographic variability of erosion rates across coastal Louisiana and relate this to variability in the physical and cultural environment, 3) assess the implications of shoreline erosion on the physical and cultural environment, 4) designate areas for erosion control consideration, and 5) assess the feasibility of structural and nonstructural procedures for managing erosion along designated areas of the Louisiana coast.

ISSUES/PROBLEMS; PLANNING/MANAGEMENT; EROSION/SEDIMENTATION

11-048 Louisiana. Department of Transportation and Development, Coastal Management Section.

Siting Energy Related Facilities in Louisiana's Coastal Zone. Coastal Environments, Inc. Baton Rouge, LA. 54 pp. 1978.

Discusses the major items that need to be considered in a process of energy

11-048 Louisiana. Department of Transportation and Development, Coastal Management Section. (continued)

facility siting - the facility (common types considered and parts identified), the environmental setting (discusses Louisiana's coastal area with maps and summarizes factors to be considered in CEIP project assessments), and the institutional aspect (discusses relationships of energy facility siting and coastal zone management interests at Federal, state, regional and local levels). Also discusses the procedure to follow to determine location alternatives, project selection and facility implementation.

COASTAL RESOURCES; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT; ENERGY FACILITY SITING; PETROLUEM INDUSTRY; WATER DEVELOPMENT PROJECTS

11-049 Louisiana. Department of Transportation and Development, Coastal Management Section.

Louisiana Coastal Resource Program: Revised Guidelines. Baton Rouge, LA. 53 pp. May 1979. (CZIC)

Lists guidelines for a wide variety of coastal resource uses including levees, linear facilities, dredged spoil deposition shoreline modification, surface alterations, hydrologic and sediment transport modifications, disposal of wastes, uses that result in the alteration of waters draining into coastal waters, oil and gas, and forestry uses.

PLANNING/MANAGEMENT; COASTAL RESOURCES; DREDGING; ENGINEERING; WATER QUALITY; PETROLEUM INDUSTRY; FORESTRY/LOGGING

11-050 Louisiana. Department of Transportation and Development, Coastal Management Section.

Coastal Zone Planning Study. Ben Jeffers, Inc. Baton Rouge, LA. April 1979.

This study determines the authority and permitting procedure (if any) presently used by state agencies involved with coastal resources by use of a questionnaire and interviews. It also identifies the permits and activities that must be consistent with CZM. It outlines the legal statutes and authority that each agency has that pertains to resources in the coastal area, details the monitoring and enforcement activities in the coastal zone and discusses interagency coordination, permit consistency, staffing and funding, and other issues. Recommendations are outlined for the development of a procedure to ensure that the granting of permits are consistent with CZM goals.

DEVELOPMENT; LAWS & LEGISLATION; STATE-LOCAL COORDINATION; CONFLICTING USES; PERMISSIBLE USES; PERMITS/PERMITTING

11-051 Louisiana. State Planning Office.

Handbook for Development in Coastal Louisiana. 76 pp. June 1977.

Provides general information to developers in the Louisiana coastal zone. Types of development discussed are: urban and suburban growth, transportation and communication, industry and ports, recreation, resource extraction, agriculture and forestry.

PERMITS/PERMITTING; PERMISSIBLE USES; INDUSTRY/COMMERCE; DEVELOPMENT

11-052 Louisiana. State Planning Office.

Environmental Characterization of Terrebonne Parish: 1955 - 1978. 29 pp. Appendices. December 1980.

Describes the spatial and temporal changes occurring in the parish environment. Describes habitat, shifts in habitats and analyzes the changes that have occurred.

ESTUARIES

11-053 Louisiana. Department of Natural Resources. Coastal Management Section.

The Louisiana Coastal Management Program and Final Environmental Impact Statement. Department of Natural Resources and OCZM. Multi-pp. 1980.

Describes the Coastal Resources Program. Includes discussion of goals and policies for the management of coastal resources and coastal land and water related activities, and areas of particular concern. Discusses program authority and organiztion, operation, implementation, Federal consistency, and public involvement.

PROGRAM DESCRIPTION; GOALS/OBJECTIVES; ISSUES/PROBLEMS; LAND/WATER USE; CRITICAL AREAS; FEDERAL CONSISTENCY; PUBLIC ACCESS

11-054 Louisiana. Department of Natural Resources.

Barataria Basin: Areas of Particular Concern. Craig, N. J., Day, J. W., Day, R. H., and L. W. Bahr. 54 pp. July 1981.

Describes the different ecological habitats and zonation in the basin. Those processes contributing to degradation of unique areas and land loss in the basin are identified.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PERMISSIBLE USES; COASTAL INVENTORIES; NATURAL RESOURCES

11-055 Louisiana. Department of Natural Resources. Coastal Management Section.

Evaluation of the Coastal Management Section's Management Information System. 36 pp. September 1981.

Evaluates the current system and analyzes alternative strategies for future information requirements to help support permit review, daily operations, provide data on the status of the coastal zone, satisfy reporting requirements and act as a general source of information.

PERMITS/PERMITTING; LEGAL/INSTITUTIONAL ANALYSIS; INFORMATION SYSTEMS

11-056 Louisiana. Department of Natural Resources (Coastal Energy Impact Program).

Jefferson Parish Master Recreation Plan. Design Consortium. Jefferson Parish, LA. 162 pp. June 1982.

The study outlines an ambitious prospectus for recreation development which will be a direct benefit to Jefferson Parish and the entire state of Louisiana. Total recreation components recommended represent an implementation sequence of 6 + years. the components of the plan involve a discussion of long-term goals and objectives, site redevelopment recommendations for repairs and improvements, proposals for use of underutilized areas, uses for water resources, wetlands and beaches and a discussion of ways to create funding.

GOALS/OBJECTIVES; SOCIOECONOMICS; WATER RESOURCES; DEVELOPMENT

11-057 Louisiana. Department of Natural Resources (Coastal Energy Impact Program).

East St. Mary Parish - Economic Growth and Stabilization Strategies. St. Mary Parish Economic Development Commission. St. Mary Parish. 455 pp. June 1982.

The report consists of an integrated approach to economic growth and stabilization in the eastern portion of the Parish. Eastern St. Mary Parish has undergone tremendous economic impacts from the development of offshore oil and gas over the last 30 years. The growth has been largely unplanned, and the future is uncertain. Data which elucidate economic trends are presented. Data projections are made of likely future trends in areas critical to the Parish's growth and stability.

CULTURAL/HISTORICAL RESOURCES; GROWTH; POPULATION; SOCIOECONOMICS

11-058 Louisiana. Department of Natural Resources (Coastal Energy Impact Program).

Twin Parish Port Commission - Port Site Study. J. E. Schexnaider and Assoc. Delcambre, LA. 200 pp. June 1982.

11-058 Louisiana. Department of Natural Resources (Coastal Energy Impact Program). (continued)

This study was conducted to determine the potential of two sites under option with the Twin Parish Port Commission for the development of a mooring facility on the Delcambre Canal near the town of Delcambre, LA. and an inland barge facility on the Boston Bayou near the community of Boston, LA.

SOCIOECONOMICS; PORTS/WATERFRONTS; POPULATION; WATER DEVELOPMENT PROJECTS

11-059 Louisiana. State Planning Office.

Guidelines for Agriculture and Forestry in the Louisiana Coastal Zone. Appendix: A brief historical geography of Louisiana's coastal wetlands with emphasis on agriculture and timber resources. Reilly, T. F. Baton Rouge, LA. 49 pp. No Date. (CZIC).

Provides an historical geography of the Pontchartrain Basin, the Atchafalaya Basin, the Deltaic Plain and the Chenier Plain.

AGRICULTURE; FORESTRY/LOGGING; WETLANDS; COASTAL RESOURCES.

12-001 Maine. State Planning Office.

An Introduction to the Maine Coastal Plan. Augusta, ME. 52 pp. November 1974. (CZIC)

Provides information on the Maine Coastal Plan. Chapters describe their natural resources inventory, their socioeconomic resources inventory, areas of particular state concern, public participation and others.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; SOCIOECONOMICS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION

12-002 Maine. State Planning Office.

Citizen Evaluation of Public Policy in the Coastal Zone. Hayes, K. P. Coastal Planning Group. Augusta, ME. 144 pp. May 1975. (CZIC)

Presents the results of a survey examining the attitudes of Maine citizens toward public policy concerns in the Coastal Zone. Sections review the following topics: the quality of life, the perceptions and evaluations of change, attitudes toward land use, attitudes toward development, recreation activities, public support of coastal projects, public support of coastal projects, attitudes toward governmental services, and factors in the coastal zone attitudes. A brief description of the methodology used and a sample survey questionnaire are included.

SOCIOECONOMICS; LAND/WATER USE; RECREATION/TOURISM; DEVELOPMENT; COASTAL INVENTORIES

12-003 Maine. State Planning Office.

Great Rhododendron Rhododendron Maximum in Maine: Tyler, H. Maine Critical Areas Program. Augusta, ME. 16 pp. August 1975.

Presents information on the range, habitat requirements, threat of destruction, and location of specific strands of the Great Rhododendron. The purpose of the report is to provide information on areas which hold potential for incorporation on an official register of critical areas. Recommended management actions for the Critical Areas Program are included. One in a series of 60 planning reports on significant natural features of Maine.

VEGETATION; CRITICAL AREAS

12-004 Maine. State Planning Office.

Alcids Nesting on the Maine Coast. Crowger J. Maine Critical Areas Program (Draft). Augusta, ME. 13 pp. Appendices. September 1975.

12-004 Maine. State Planning Office. (continued)

Describes the life history and distribution of three species of alcids along the Maine coast. The purpose of the report is to provide information on areas which hold potential for incorporation on an official register of Critical Areas. Recommended management action for the Critical Areas Program are included. One in a series of 60 planning reports on significant natural features of Maine.

WILDLIFE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL RESOURCES; CRITICAL AREAS; COASTAL INVENTORIES

12-005 Maine. State Planning Office.

Oyster Beds in Maine: Cowger, J. Maine Critical Areas Program. Augusta, ME. 13 pp. September 1975.

Presents information on distribution, population influencing factors, and locations of specific beds for two species of Maine oysters. The purpose of the report is to provide information on areas which hold potential for incorporation on an official register of critical areas. Recommended management actions for the Critical Areas Program are included. One in a series of 60 planning reports on significant natural features of Maine.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FISH/FISHERIES; COASTAL RESOURCES; CRITICAL AREAS; COASTAL INVENTORIES.

12-006 Maine. The Research Institute of the Gulf of Maine. (TRIGOM)

A Preliminary Checklist of the Marine and Estuarine Invertebrates of Maine. Perkins, L. F. and P. F. Larsen. Marine Research Laboratory. Department of Marine Resources. West Boothbay Harbor, ME. TRIGOM Publication No. 10. 37 pp. (CZIC)

Presents a checklist of invertebrate species of the Maine coast and includes a bibliography of relevant literature.

WILDLIFE; COASTAL INVENTORIES; BIBLIOGRAPHY

12-007 Maine. State Planning Office.

Summary of Resource Information Collected for Mid-Coastal Maine. Augusta, ME. 5 pp. 1975.

Summarizes in table form information that has been mapped or corrected for 23 resource categories. The methods, materials, personnel and sources used to gather the data are also presented. Resource categories include groundwater, bedrock geology, wildlife and fish resources, scenic view points, historic areas, soils, flood prone areas, trails, and canoe routes, and

12-007 Maine. State Planning Office. (continued)

fifteen others. Geographically, this covers the state's mid-coastal areas only.

COASTAL INVENTORIES; COASTAL RESOURCES; CULTURAL/HISTORIC RESOURCES; FLOODS/FLOODING: GEOLOGY; GROUNDWATER; LAND/WATER USE; MAPS/MAPPING; MARINE BIOLOGY; LIVING MARINE RESOURCES; WATERSHEDS; RECREATION/TOURISM; WILDLIFE; FISH/FISHERIES

12-008 Maine. State Planning Office.

A Preliminary Study of the Coastal Islands in the Land Use Regulation Commission's Jurisdiction. Griffith, F. Land Use Regulation Commission (LURC). 128 pp. April 1976.

Provides a first-cut inventory and general discussion of the coastal islands in LURC's jurisdiction. The goal is to present information on which to base future land use decisions and to identify areas requiring further study.

COASTAL INVENTORIES; LAND/WATER USE; PLANNING/MANAGEMENT

12-009 Maine. State Planning Office.

"All Land is Not Created Equal": A Handbook for the Protection of Environmentally Sensitive Lands. GRCOG-LUP-1. Eyerman, M. J. Greater Portland Council of Governments. Portland, ME. 66 pp. December 1976.

Provides local officials with the information and assistance needed to develop a program on sensitive lands. Includes a description of the types of environmentally sensitive lands, local policies on such lands, protection methods, and a step-by-step guide for investigating and evaluating their importance.

LAND/WATER USE; CRITICAL AREAS; REGIONAL IMPACT; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT

12-010 Maine. State Planning Office.

A Preliminary Listing of Noteworthy Natural Features in Maine. Adamus, P. R. and G. C. Clough. State Planning Office. Augusta, ME. 397 pp. 1976.

Over 1000 types of natural features significant for their scientific, educational or aesthetic values are described. Topics include surficial geology, bedrock geology, non-vascular plants, vascular plants (233 species), marine invertebrates, reptiles and amphibians, birds, mammals, aesthetic features, and historic/archaeological features. Rarity and suitability for inclusion in the Critical Areas Program are two criteria used. Features are also grouped according to their affinity for particular landforms.

12-010 Maine. State Planning Office. (continued)

VEGETATION; WILDLIFE; CRITICAL AREAS; LIVING MARINE RESOURCES; GEOLOGY

12-011 Maine. State Planning Office.

Maine's Coast: Special Considerations for the Municipal Planning Process. Land Use Information Series III. Hendler, B. Maine State Planning Office. Augusta, ME. 54 pp. 1976.

Review of the local planning process in the coastal region, emphasizing areas and resources that deserve special planning and management consideration; i.e., "areas of special interest".

PLANNING/MANAGEMENT; COASTAL RESOURCES; CRITICAL AREAS

12-012 Maine. State Planning Office.

Maine Port Development Study, Phase I: Planning Volume. Maine Department of Transportation. Augusta, ME. Multi-pp. November 1977.

Provides guidance for state level activities in port development including the establishment of priorities for public investment in port facilities as well as developing technical and financial resources to assist local and industry port planning and development efforts.

PORTS/WATERFRONTS; ECONOMICS; INDUSTRY/COMMERCE; DEVELOPMENT

12-013 Maine. State Planning Office.

Maine Coastal Inventory Handbook. Land Use Information Series IV. Maine State Planning Office. Augusta, ME. 31 pp. 1977.

Systematic inventory of social, economic, and natural resource data for the entire coast. Includes mapped information (primarily 1:48000) and statistical data.

COASTAL INVENTORIES; SOCIOECONOMICS; ECONOMICS; STATISTICS; MAPS/MAPPING

12-014 Maine. State Planning Office.

An Appraisal of the Fishery and Wildlife Resources of the Coastal Planning Unit. Maine Department of Inland Fisheries and Wildlife. Multi-pp. 1974-1977.

These reports consist of a series of appraisals for the coastal county or area planning unit prepared between 1974 and 1977. Habitat types or sites of particular concern are noted.

12-014 Maine. State Planning Office. (continued)

FISH/FISHERIES; WILDLIFE; COASTAL INVENTORIES; MONITORING

12-015 Maine. State of Maine.

Coastal Policy Studies. Multi-pp. February, 1978.

A series of policy studies conducted by special consultants on travel development, fisheries development, coastal development, natural resources information transfer, and industry siting.

FISH/FISHERIES; TRANSPORTATION; DEVELOPMENT; INFORMATION SYSTEMS; INDUSTRY/COMMERCE; FACILITY SITING

12-016 Maine. State Planning Office.

Maine's Coastal Islands: Recreation and Conservation. St. Pierre, J. A. and H. MacArthur. Maine Department of Conservation. Augusta, ME. 117 pp. Appendices. March 1978.

A working paper summarizing efforts undertaken during mid-1977 - early 1978 to outline island recreation and conservation considerations from a state level perspective. Includes reviews on use pressures, existing island conservation programs, island acquisitions and recommendations.

RECREATION/TOURISM; LAND/WATER USE

12-017 Maine. State Planning Office.

The Maine Coast: Recreation and Open Space. Appendix Volume. St. Pierre, J. A. Maine State Planning Office. Augusta, ME. Multi-pp. July 1978.

Includes seven appendices in support of the Maine Coastal Program: 1) unit analysis of areas by region; 2) coastal islands; 3) coastal sand beaches; 4) camping; 5) Maine coastal area properties; 6) natural feature glossary; and 7) resident outdoor recreation participation and preference.

RECREATION/TOURISM; PROGRAM DEVELOPMENT; BEACHES/DUNES; LAND/WATER USE

12-018 Maine. State Planning Office.

Maine's Coastal Program: Final Environmental Impact Statement. Maine State Planning Office. Augusta, ME. 562 pp.

The FEIS on the state coastal plan, including a thorough description of the Maine Coastal Program, an EIS as required by NEPA, and a summary of comments

12-018 Maine. State Planning Office. (continued)

received on the DEIS.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT

12-019 Maine. Coastal Management Program.

Maine's Coastal Program: Procedure for Coastal Shorefront Access and Protection, Shoreline Erosion Assessment and Mitigation, and Energy Facility Siting. Augusta, ME. Multi-pp. August 1978. (CZIC)

Maine's coastal program regarding the three issues listed in the title.

EROSION/SEDIMENTATION; PUBLIC ACCESS; ENERGY FACILITY SITING; ISSUES/PROBLEMS; PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION

12-020 Maine. State Planning Office.

The Maine Coast, A Statistical Source. State Planning Office. Augusta, ME. 84 pp. September 1978.

A detailed statistical description of demography, land use and taxation, economy, housing, transportation, education, recreation, social services and natural resources in the coastal area.

STATISTICS; LAND/WATER USE; POPULATION; ECONOMICS; SOCIOECONOMICS; TRANSPORTATION; EDUCATION; RECREATION/TOURISM

12-021 Maine. State Planning Office.

The Maine Coast: Issues Considered. A Report to the Governor by his Advisory Committee on Coastal Development and Conservation. Augusta, ME. 69 pp. October 1978.

A series of Committee recommendations on fisheries, port development, heavy industry, travel and tourism, cumulative impact from development, and natural resource information transfer. These recommendations were intended to contribute toward the Maine Coastal Program.

ISSUES/PROBLEMS; FISH/FISHERIES; PORTS/WATERFRONTS; INDUSTRY/COMMERCE; INFORMATION SYSTEMS; PROGRAM DEVELOPMENT

12-022 Maine. State Planning Office.

The Landowners' Options: A Guide to the Voluntary Protection of Land in Maine. Milne, J. E. Maine Coast Heritage Trust. Augusta, ME. 43 pp. November 1978.

12-022 Maine. State Planning Office. (continued)

Serves as a general guide to land protection techniques in the State, including donations, sale, transfer of title with conditions, protection by easement or covenant leases and more. Also describes agencies interested in acquiring title or interests in land.

LAND/WATER USE

12-023 Maine. State Planning Office.

Natural Regions of Maine. Adamus, P. R. State Planning Office. Augusta, ME. 77 pp. 1978.

Maine is divided into five distinct regions and seventeen subregions, based on similarities of vegetation and land form. Each is described in terms of topography, bedrock geology, surfician geology, soils, climate, wetlands, vegetation, and fauna. Existing maps showing these features statewide are compiled.

COASTAL INVENTORIES; VEGETATION; WILDLIFE; MAPS/MAPPING; ATLASES; CLIMATE/WEATHER

12-024 Maine. Land and Water Resources Council.

Policy Recommendations for Reducing Coastal Storm Damages. Augusta, ME. 33 pp. Appendices. December 1978.

Summarizes damage arising from coastal storms and strategies for reducing that same damage. Makes a series of seven recommendations to reduce future damage, including drafting flood damage prevention ordinances, seeking Federal funds, building restrictions, land designation as "resource protection," beach acquisition, prohibiting construction of new seawalls, and that a Division of Marine Geology be created in the Maine Geological Survey.

ISSUES/PROBLEMS; PLANNING MANAGEMENT; FLOODS/FLOODING; NATURAL HAZARDS; BEACHES/DUNES; LAND/WATER USE; URBAN AREAS; CLIMATE/WEATHER

12-025 Maine. State Planning Office

The Salinity and Temperature Distributions of Selected Maine Estuaries. Larsen, P.F. and L.F. Doggett. Bigelow Laboratory. West Boothbay Harbor, ME. 112 pp. March 1979.

Detailed statistical reports on 21 estuaries, including mid-channel sampling at several locations in most estuaries. Sampling was done at 2, 5, 10, and 12 m depths.

ESTUARIES; STATISTICS; COASTAL WATERS

12-026 Maine. State Planning Office.

Policy Recommendations for Reducing Coastal Storm Damages. A Report to the Governor by his Advisory Committee on Coastal Development and Conservation. Augusta, ME. 12 pp. April 1979.

Finalization of the seven recommendations initially drafted by the Maine Land and Water Resources Council in December 1978.

ISSUES/PROBLEMS; PLANNING/MANAGEMENT; NATURAL HAZARDS; FLOODS/FLOODING; CLIMATE/WEATHER

12-027 Maine. State Planning Office.

Intertidal Benthic Invertebrates of the Maine Coast--Draft Report. Larsen, P. F., L. F. Doggett and V. M. Berounsky. Bigelow Laboratory. West Boothbay Harbor, ME. 722 pp. April 1979.

Summarizes intertidal species throughout the Maine coast, taking into consideration geographical coverage, nine types of habitat, and biotic zonation.

COASTAL INVENTORIES; LIVING MARINE RESOURCES

12-028 Maine. State Planning Office.

Maine's Critical Areas Program. 1979 Report. Martin, L. State Planning Office. Augusta, ME. 16 pp. August 1979.

Review of activities within the Critical Areas Program of the State Planning Office on the Register of Critical Areas. Includes the overview of the CAP, their inventory of critical areas throughout the state, registration of areas, and a description of future CAP activities.

CRITICAL AREAS; COASTAL INVENTORIES; PERMISSIBLE USES; PLANNING/MANAGEMENT

12-029 Maine. State Planning Office.

Comprehensive Plan: Cape Elizabeth, ME. 18 pp. Appendices. June 1980.

Describes the plan, policies and regulations for management of resources and development of the coastal zone. Included are specific studies of socio-economic factors and the environment.

OPEN SPACE; RECREATION/TOURISM; LAND/WATER USE; SOCIOECONOMICS

12-030 Maine. Department of Environmental Protection.

The Higgins Beach Management Plan. Multi-pp. December 1980.

12-030 Maine. Department of Environmental Protection. (continued)

A pilot project to help local governments develop beach management plans to reduce future coastal storm damage to property and to protect the natural integrity and recreational value of the beach system.

BEACHES/DUNES; PLANNING/MANAGEMENT; PUBLIC ACCESS; RECREATION/TOURISM

12-031 Maine. State Planning Office.

Maine Peatlands. Worley, I. State Planning Office. 387 pp. March 1981.

Identifies which of Maine's peatlands are worthy of critical area designation and investigates their abundance, ecology, and relevance.

VEGETATION: CRITICAL AREAS

12-032 Maine. State Planning Office.

A Coastal Program Conference: Techniques for Improving Maine's Harbors and Waterfronts. State Planning Office. 60 pp. May 1981.

Presents information compiled from a conference which was held July 1980 for local officials, harbor masters and committees, port authorities and others interested in the improvement and revitalization of Maine's waterfront areas.

CONFERENCES/WORKSHOPS; PORTS/WATERFRONTS; MARINAS; PLANNING/MANAGEMENT

12-033 Maine. State Planning Office.

Jasper Beach, Machiasport, ME: Its Significance as a Gravel Spit and Relevance to the Critical Areas Program. Timson, B. S. 30 pp. July 1981.

Identifies the site for consideration as a critical area worthy of conservation by the state. Includes physical and environmental description of the gravel beach and discussion of considerations in registration as a critical area.

CRITICAL AREAS; BEACHES/DUNES

12-034 Maine. Department of Environmental Protection.

Maine Environmental Statutes. Lerman, A., Lawrence, P. and D. Meagher. 143 pp. August 1981.

Evaluates the enforcement of four statutes in terms of their effectiveness in protecting coastal resources. Issues examined by the study included

12-034 Maine. Department of Environmental Protection. (continued)

provisions for state and local review of development activities, enforcement of compliance with permit decisions, impacts of non-compliance and necessary improvements in enforcing compliance.

LEGAL/INSTITUTIONAL ANALYSIS; DEVELOPMENT; PERMITS/PERMITTING; STATE-LOCAL COORDINATION

12-035 Maine. State Planning Office.

Maine's Coastal Management Accomplishments by National Objectives. 31 pp. October 1981.

Summarizes state accomplishments in managing coastal resources for the Program's annual evaluation. Highlights notable accomplishments in protecting resources, managing development, facilities siting, public access, port redevelopment, permit streamlining, agency coordination, public involvement, and resource planning.

PROGRAM DESCRIPTION; ISSUES/PROBLEMS; RESOURCE PROTECTION; PUBLIC ACCESS; FACILITY SITING; PUBLIC INVOLVEMENT

12-036 Maine. State Planning Office.

Ecology of Maine's Intertidal Habitats (technical version). State Planning Office. 183 pp. October 1981.

This is a report of a project which sampled invertebrates making up benthic communities in nine intertidal habitats characteristic of the Maine coast.

LIVING MARINE RESOURCES; MARINE BIOLOGY

12-037 Maine. State Planning Office.

Breakwater Protection for Four Maine Harbors. State Planning Office. 30 pp. October 1981.

Presents a group of individual harbor reports by member of a panel on "Protecting Waterfront and Harbor Facilities: Floating and Fixed Breakwaters". The four Maine harbors, Belfast, Camden, Rockland & Thomaston, are analyzed to demonstrate the process for determining the feasibility of providing improved protection from wave action.

PORTS/WATERFRONTS.

12-038 Maine State Planning Office.

An Annotated List Of Maine's Rare Vascular Plants. Gawler, S.C. State Planning Office. 69 pp. December 1981.

This is a condensed version of the June 1981 "Rare Vascular Plants of Maine". It contains lists of plant species and recommendations on financial management actions for the Critical Areas Program.

VEGETATION; CRITICAL AREAS

12-039 Maine State Planning Office.

Maine's Coastal Program: The Future of Coastal Management in Maine. State Planning Office. 51 pp. March 1982

Examines the various local, regional and state agencies involved with coastal management and their roles. The report also discusses the probable effects of the elimination of coastal funds, what coastal management activities the State might consider maintaining, and the possible funding sources for these activities.

PLANNING/MANAGEMENT

12-040 Maine State Planning Office.

Maine's Whitewater Rapids. McMahon, J. State Planning Office. 163 pp. April 1982.

This planning report determines Maine's finest examples of whitewater rapids and defines criteria by which the scientific and natural attributes of whitewater rapids can be assessed.

WATER RESOURCES; CRITICAL AREAS

12-041 Maine. State Planning Office.

Critical Areas Program Brochures. Augusta, ME. Multi-pp. Multi dates.

A series of over 50 informational brochures on species inhabiting critical coastal and inland areas. Representative species are the horseshoe crab, American oyster, Leach's storm petrel, terns, piping plover, and wading birds. Each brochure describes the species' ecology, habitats and pressures.

CRITICAL AREAS; WILDLIFE; INFORMATION SYSTEMS

13-001 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Coastal Zone Planning. A Unified Planning Program for the Baltimore Region. Memorandum of Understanding/Joint Work Program. Annapolis, MD. 10 pp. October 1975. (CZIC)

Presents a memorandum of understanding between the state CZM program and the HUD "701" program.

STATE-LOCAL COORDINATION

13-002 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Overall Program Design. Annapolis, MD. 17 pp. Revised October 1975. (CZIC)

Presents the state program's goals and objectives and describes program elements on boundaries; areas of particular concern/permissible land and water uses/priority of uses; program management authority and organization; coordination with other governmental agencies; and public participation.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; BOUNDARIES; PERMISSIBLE USES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION; GOALS/ OBJECTIVES

13-003 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Coastal Zone Planning. A Unified Planning Program for the Baltimore Region. Dredge and Fill Permit Process. Woessner, M. B. Annapolis, MD. 46 pp. December 1975. (CZIC)

Presents an analysis and collection of information on the dredge and fill permit proccess. Permit issuing agencies are examined in light of their application requirements and decision making project review criteria. Administrative procedures for these environmental agencies are also examined. Recommendations for improvement of the permitting process conclude the report.

DREDGING; PERMITS/PERMITTING; FEDERAL AGENCIES;

13-004 Maryland. Maryland Department of Natural Resources.

Recreational Boating Impact -- Chesapeake and Chincoteague Bays. Part I: Boating Capacity Planning System. Draft. Roy Mann Associates, Inc. Cambridge, MA. Multi-pp. Map. December 1975. (CZIC)

Part I of a two-part study on recreational boating congestion, environmental effects, activity regulation, and facility planning in Maryland's two great bays. This volume reviews the literature on operational requirements, environmental effects, and carrying capacity.

13-004 Maryland. Maryland Department of Natural Resources. (continued)

BOATING; RECREATION/TOURISM; MARINAS; FACILITY SITING; PLANNING/MANAGEMENT; BIBLIOGRAPHY

13-005 Maryland. Maryland Department of Natural Resources.

Dredge and Fill Permit Process. Second Draft. Woessner, M. B. 46 pp. December 1975.

A collection of information on and analysis of the dredge and fill permit process. Examines the permit-issuing agencies for their application requirements and decision-making criteria. Also discusses the administrative procedures and criteria of the environmental review agencies. Several recommendations for improving the process are offered at the end.

DREDGING; PERMITS/PERMITTING; PLANNING/MANAGEMENT

13-006 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Maryland Coastal Zone Boundary Criteria. First Draft. Annapolis, MD. 8 pp. January 1975. (CZIC)

Describes available information and factors considered in the development of a coastal zone management boundary.

BOUNDARIES; PROGRAM DEVELOPMENT

13-007 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Historical Shorelines and Erosion Rates: Lower Eastern Shore: Dorchester, Somerset, Wicomico and Worchester Counties. Maryland Geological Survey. Annapolis, MD. Atlas (oversized). 1975. (CZIC)

Contains maps and tables indicating historical shorelines (as far back as 1841) and erosion rates.

ATLASES; MAPS/MAPPING; EROSION/SEDIMENTATION; COASTAL INVENTORIES

13-008 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Historical Shorelines and Erosion Rates: Lower Western Shore: Calvert, Charles, Prince Georges and St. Mary's Counties. Maryland Geological Survey. Annapolis, MD. Atlas (oversized). 1975. (CZIC)

Contains maps and tables indicating historical shorelines (as far back as

13-008 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program. (continued)

1841) and erosion rates.

ATLASES; MAPS/MAPPING; EROSION/SEDIMENTATION; COASTAL INVENTORIES

13-009 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Historical Shorelines and Erosion Rates: Upper Eastern Shore: Caroline, Cecil, Kent, Queen Anne's and Talbot Counties. Maryland Geological Survey. Maryland Coastal Zone Management Program Publication. Annapolis, MD. Atlas (oversize). 1975. (CZIC)

Contains maps and tables indicating historical shorelines (as far back as 1841) and erosion rates.

ATLASES; MAPS/MAPPING; EROSION/SEDIMENTATION; COASTAL INVENTORIES

13-010 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Historical Shorelines and Erosion Rates: Upper Western Shore: Anne Arundel, Baltimore, and Hartford Counties. Maryland Geological Survey. Annapolis, MD. Multi-pp. Maps. (Oversized Folio) 1975. (CZIC)

Presents a map series depicting the historical shorelines and erosion rates of Tidewater, Maryland. Base maps are the U.S. Geological Survey 7 1/2 minute topographic quadrangles.

EROSION/SEDIMENTATION; MAPS/MAPPING; WETLANDS; NATURAL HAZARDS

13-011 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Shoreline Structure in Maryland: Their Location and Extent: Lower Eastern Shore: Dorchester, Somerset, Wicomico and Worcester Counties. Maryland Geological Society. 1975. (CZIC)

An atlas of shore erosion control structures on the Lower Eastern Shore. Includes bulkheads, ripraps, concrete revetments, groin systems, jetties, and breakwaters.

ATLASES; MAPS/MAPPING; EROSION/SEDIMENTATION; ENGINEERING; COASTAL INVENTORIES

13-012 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Shoreline Structures in Maryland: Their Location and Extent: Lower Western Shore: Calvert, Prince Georges and St. Mary's Counties. Maryland Geological Survey. Annapolis, MD. Atlas (oversized). 1975. (CZIC)

An atlas of shore erosion control structures on the lower Western Shore. Includes bulkheads, ripraps, concrete revetments, groin systems, jetties, and breakwaters.

ATLASES; MAPS/MAPPING; ENGINEERING; COASTAL INVENTORIES; EROSION/SEDIMENTATION

13-013 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Shoreline Structures in Maryland: Their Location and Extent: Upper Eastern Shore: Caroline, Cecil, Kent, Queen Anne's and Talbot Counties. Maryland Geological Survey. Annapolis, MD. Atlas (oversized). 1975. (CZIC)

An atlas of shore erosion control structures on the Upper Eastern Shore. Includes bulkheads, ripraps, concrete revetments, groin systems, jetties, and breakwaters.

ATLASES; MAPS/MAPPING: EROSION/SEDIMENTATION; ENGINEERING; COASTAL INVENTORIES

13-014 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Shoreline Structures in Maryland: Their Location and Extent: Upper Western Shore: Anne Arundel, Baltimore, and Hartford Counties. Maryland Geological Survey. Annapolis, MD. Atlas (oversized). 1975 (CZIC)

An atlas of shore erosion control structures on the Upper Western Shore. Includes bulkheads, ripraps, concrete revetments, groin systems, jetties, and breakwaters.

ATLASES; MAPS/MAPPING; EROSION/SEDIMENTATION; ENGINEERING; COASTAL INVENTORIES

13-015 Maryland. Department of Natural Resources. Water Resources Administration.

Monitoring of Open Water Dredge Material Disposal Operations at Kent Island Disposal Site and Survey of Associated Environmental Impacts. Annapolis, MD. 305 pp. February 1976. (CZIC)

Monitors the Kent Island Disposal Site and contiguous areas for environmental impacts related to open water disposal of dredged material at this site. Four major topics of investigation are 1) accumulation and dispersal of

13-015 Maryland. Department of Natural Resources. Water Resources Administration. (continued)

dredged materials, 2) biological effect on clams and oysters, 3) impacts on existing commercial shellfish populations and benthic organisms and 4) bacterial and public health impacts.

DREDGING; FISH/FISHERIES; WATER QUALITY; POLLUTION

13-016 Maryland. Department of Natural Resources. Coastal Zone Unit and the Regional Planning Council.

Existing Conditions Review. Second Draft Coastal Zone Management Study. Annapolis, MD. 31 pp. March 1976. (CZIC)

Defines the inland coastal zone management planning boundary for the urban areas of Maryland's coastal zone and identifies specific locally important coastal zone management issues. The present status of a coastal zone inventory of physical resources, socioeconomic data, and environmental information is reviewed.

BOUNDARIES; ISSUES/PROBLEMS; SOCIOECONOMICS; COASTAL INVENTORIES

13-017 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Maryland Uplands Natural Areas Study. Volumes I and II. Annapolis, MD. Multi-pp. Maps. March 1976. (CZIC)

Volume I describes the scope, objectives, methodology, and parameters used to inventory natural areas in Maryland's coastal zone. Volume II includes the field notebook which describes methods and techniques for data collection and recording. Site maps and specific site information are available separately by request.

COASTAL INVENTORIES; COASTAL RESOURCES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; MAPS/MAPPING: INFORMATION SYSTEMS

13-018 Maryland. Department of Natural Resources. Coastal Zone Management Program.

Otter Creek Marsh...A Critical Area Lost? League of Women Voters of Hartford County, Maryland. Annapolis, MD. 4 pp. Appendices. April 1976. (CZIC)

Identifies the features of Otter Creek Marsh in Hartford County and inventories their man-made and natural characteristics. The report evaluates existing legislation and its strengths and weaknesses for protecting the area marshes. Recommendations for the overall coastal zone planning effort are also made.

13-018 Maryland. Department of Natural Resources. Coastal Zone Management Program. (continued)

WETLANDS; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; LAND/WATER USE

13-019 Maryland. Maryland Department of Natural Resources. Coastal Management Program.

Maryland Uplands Natural Areas Study. Volume III: Field Notebook, Western Shore. O'Meara, T., et. al. Annapolis, MD. 195 pp. 1976. (CZIC)

This notebook represents the methodology developed by the Coastal Zone Management Program for sampling upland natural areas on Maryland's Western Shore. It contains a description of the methods and techniques for data collection.

COASTAL INVENTORIES

13-020 Maryland. Department of Natural Resources. Energy and Coastal Zone Administration.

Recreational Boating on the Tidal Waters of Maryland. Report and Map Folio. Roy Mann Associates, Inc. Annapolis MD. 177 pp. Appendices. Maps. 1976. (CZIC)

Identifies and analyzes problems related to the use of Maryland's tidal waters by recreational boaters. Also develops a capacity planning framework for departmental use in formulating solutions to identified problems. Chapters review boating activity in the state, capacity as a basis for planning and management, boating activity patterns, environmental effects, boating facility demand, facility site planning and management alternatives.

BOATING; RECREATION/TOURISM; LAND/WATER USE; FACILITY SITING; MARINAS; WATER QUALITY

13-021 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

A Management Program for Maryland's Coastal Areas. Volume III. March 1977. Appendix U-- Comments on the Previous Draft. Annapolis, MD. Multi-pp. March 1977. (CZIC)

Comments are arranged in three sections: 1) county governments, 2) citizens and special interest groups, and 3) state agencies. Written comments received at a public meeting on January 15, 1977 follow.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

13-022 Maryland. Maryland Department of Natural Resources. Energy and Coastal Zone Administration.

Prehistoric Archaeological Resources in the Maryland Coastal Zone. Wilke, S. and G. Thompson. Seattle, WA. 427 pp. August 1977. (CZIC)

Begins with an analysis of environmental and cultural dynamics affecting prehistoric resources. An evaluation of the resources in each county follows, and an examination of the different stresses on prehistoric resources (from shore erosion, residential development, wetlands destruction, etc.). The management strategy discusses current programs, land use planning at different levels of government, and a county by county approach. Concludes with an appendix on principal existing legislation which concerns prehistoric resources.

CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES; PLANNING/MANAGEMENT; LAWS & LEGISLATION; STATE-LOCAL COORDINATION; LAND/WATER USE

12-023 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Maryland Major Facilities Study. Volume I. Regional Screening and Conflict Resolution. Rogers and Golden, Inc., and Alan Mallach Associates. Annapolis, MD. 300 pp. Maps. January 1978. (CZIC)

Discusses the regional screening method, its development, and issues raised in the screening process. Presents the detailed criteria used in screening the study region for major facility candidate areas. Also explains the method used in identifying and ranking candidate areas. Each facility is discussed separately, with maps of the final candidate areas. Closes with an analysis of potential conflicts and approaches to their resolution.

FACILITY SITING; PLANNING/MANAGEMENT; ISSUES/ PROBLEMS; DEVELOPMENT; CONFLICTING USES

13-024 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Maryland Major Facilities Study. Volume II. Eastern Shore Power Plant Siting Study. Rogers & Golden, Inc., and Alan Mallach Associates. Annapolis, MD. 254 pp. Maps. October 1977.

Describes the procedure used to locate four potential power plant sites in the eight counties of Maryland's Eastern Shore. Summarizes the regional screening process and other pertinent elements of Volume I after a thorough presentation of site descriptions. It includes a series of environmental, engineering, and socioeconomic evaluations of each site including some comparisons. A set of site maps concludes the book.

ENERGY FACILITY SITING; ENGINEERING; SOCIOECONOMICS; PLANNING/MANAGEMENT

13-025 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Maryland Major Facilities Study. Volume III. Economic, Fiscal and Social Assessment Handbook. Rogers and Golden, Inc., and Alan Mallach Associates. Annapolis, MD. 286 pp. December 1977. (CZIC)

Designed along with Volume IV, to aid in identifying and analyzing potential effects of a facility proposed for a specific site. Volume III employs non-computer-based predictive models for examining the economic and fiscal consequences of a major facility's development and operation. Social effects, which are less easy to quantify, are also discussed. Where appropriate, the Handbook offers suggestions for mitigating economic, fiscal, and social impacts.

FACILITY SITING; REGIONAL IMPACT; ECONOMICS; SOCIOECONOMICS; DEVELOPMENT; PLANNING/MANAGEMENT; PUBLIC PARTICIPATION; STATE-LOCAL COORDINATION

13-026 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Maryland Major Facilities Study. Volume IV. Environmental Assessment Handbook. Prepared by Rogers and Golden, Inc., and Alan Mallach Associates. Annapolis, MD. 264 pp. December 1977. (CZIC)

Designed along with Volume III, to aid in identifying and analyzing potential effects of major facility development. It details environmental analysis techniques and presents impact mitigation methods. Provides a framework by which the assessor can array results and make subjective rankings of potential impacts.

FACILITY SITING; DEVELOPMENT; PLANNING/MANAGEMENT

13-027 Maryland. Maryland Department of Natural Resources. Coastal Zone Management Program.

Maryland Major Facilities Study. Executive Summary. Rogers and Golden, Inc., and Alan Mallach Associates. Annapolis, MD. 66 pp. Appendices. Maps. January 1978. (CZIC)

The purpose of this study is to help in anticipating and planning for the reduction of stresses that development may bring, by providing criteria and evaluation methods for considering major facility issues. The executive summary provides an overview of the four volumes: (1) regional screening conflict resolution, (2) Eastern Shore power plant siting study, (3) economic, fiscal and social assessment handbook, and (4) environmental assessment handbook. Two appendices include data scaling and weighting, and maps of screening results.

FACILITY SITING; PLANNING/MANAGEMENT; SOCIOECONOMICS; MAPS/MAPPING

13-028 Maryland. Maryland Interagency Task Force and Technical Committee.

Baltimore Metropolitan Coastal Area Study: An Agenda for Action. A Technical Study in Support of Maryland's Coastal Zone Management Program. Baltimore, MD. 156 pp. Maps. March 1978. (CZIC)

Deals with what should be done to better preserve resources and control the use of land. This is a set of recommendations on actions that participants in coastal decision-making may take -- citizen, local governments, regional groups, and state government. It describes coastal problems, recommends solutions and discusses "action commitments" for various counties, cities, and state departments.

ISSUES/PROBLEMS; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION; PUBLIC PARTICIPATION; LAND/WATER USE

13-029 Maryland. Maryland Energy and Coastal Zone Administration

An Investigation into Potential Park Sites with a Boating Focus Southwest Quadrant of Bay. Schmugge, S. Baltimore, MD. Multi-pp. Maps. May 1978. (CZIC)

Provides criteria for selection of sites for three types of parks: multi-use parks, cultural/natural scenic areas, and boating areas. Also contains data sheets on sites, with a summary and evaluation. The southwest quadrant - western shore, south of Bay Bridge, was selected due to its capacity to absorb use and its location near large population centers.

BOATING; CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES; RECREATION/ TOURISM

13-030 Maryland. U.S. National Oceanic And Atmospheric Administration. Office of Coastal Zone Management.

State of Maryland Coastal Management Program and Final Environmental Impact Statement. Office Of Coastal Zone Management and Maryland Department of Natural Resources. Washington, D.C. and Annapolis, MD. 464 pp. August 1978.

The state's program examines the program implementation framework, Maryland's coastal zone boundary, appropriate land and water uses, geographic areas of particular concern, local government involvement, state and Federal interactions, the public role in coastal zone management, and legal authority. The final environmental impact statement follows.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; BOUNDARIES; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FEDERAL AGENCIES; STATE-LOCAL COORDINATION; PUBLIC PARTICIPATION; LAWS & LEGISLATION

13-031 Maryland. Maryland Department of Natural Resources. Energy and Coastal Zone Administration.

Maryland's Chesapeake Bay Commercial Fisheries. Bundy, M. and J. Williams, Editors. Annapolis, MD. Multi-pp. Appendices. November 1978. (CZIC)

Reports the results of a field study around the Maryland Chesapeake Bay shore in which government officials, industry spokesmen, and watermen were interviewed. Limited to the commercial fisheries for oysters, softshell clams, blue crabs and finfish. The Bay habitat itself is described, followed by descriptions of fishing community framework, the harvesting sector, the shoreside support and sale system, and the institutional framework affecting the fisheries. Concludes with an input-output characterization of the fisheries system.

FISH/FISHERIES; INDUSTRY/COMMERCE; COASTAL RESOURCES; FEDERAL AGENCIES; ECONOMICS

13-032 Maryland. Maryland Coastal Zone Management Program.

Interim Beach Maintenance at Ocean City. Wagner, R. and J. Caldwell. Tidewater Administration. Annapolis, MD. Approximately 100 pp. September 1979.

Discussion of shore erosion process at Ocean City, Maryland, is followed by description of several alternative solutions for controlling erosion during a ten year interim period prior to implementation of a long term beach restoration, hurricane protection program with assistance from the U.S. Army Corps of Engineers. Three of the alternative solutions -- long groins, short groins, and sand replenishment -- are then developed in greater detail in regard to conceptual design, level of protection provided, estimated costs, and compatibility with the long term plan.

EROSION/SEDIMENTATION; BEACHES/DUNES; ENGINEERING; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; REGIONAL IMPACT; GOALS/ OBJECTIVES

13-033 Maryland. Maryland Coastal Zone Management Program.

Lands for Potential Mineral Resource Development. Kuff, K. Tidewater Administration. Annapolis, MD. Maps. September 1979.

Maps at a scale of 1:62,500 are prepared by the Maryland Geological Survey for six Baltimore Metropolitan Region counties showing lands available for surface sand and gravel mining. Areas of elimination fall into the following categories: absence of valuable economic resources including previously mined areas, legal restrictions on mining, government ownership, land preempted by urban development, and zoning restrictions.

MAPS/MAPPING; LAND/WATER USE; URBAN AREAS: ECONOMICS; ZONING;

13-034 Maryland. Maryland Coastal Zone Management Program.

Bay Access Park Study. Bradley, E.. et al. Tidewater Administration. Annapolis, MD 100 pp. Maps. Photos. January 1980.

This study is part of the shorefront access element of the Maryland Coastal Zone Management Program. The purpose of the study is to compile into one report on a consistent information base, all available information on existing and potential recreational and natural areas bordering on the tidal waters of the state in order that priority areas for incorporation into state and local acquisition/easement programs can be identified.

PUBLIC ACCESS; RECREATION/TOURISM; PLANNING MANAGEMENT; STATE-LOCAL COORDINATION

13-035 Maryland. Maryland Coastal Zone Management Program.

Coastal Use Capability Study. Thorn, C. Maryland Department of Natural Resources. Annapolis, MD. 450 pp. Maps. January 1980.

The purpose of this study is to determine the utility for coastal zone management purposes of refining the Department of State Planning's MAGI system from a 92 acre cell size to a 4 1/2 acre cell size. Part of the study entailed determining what additional variables needed to be added to the MAGI system to adequately characterize the shoreline areas. Using the MAGI system to produce computer overlays, individual variables have been integrated to produce 15 models addressing a variety of planning problems, ranging from shoreline erosion to beach recreation sites, to probable areas of nearshore development. The entire project was developed using one study area straddling the mouth of the Patuxent River and another area on the eastern shore of the Chesapeake Bay which occupies most of the Piney Neck Peninsula immediately east of the Kent Island Narrows.

GOALS/OBJECTIVES; PLANNING/ MANAGEMENT; ISSUES/PROBLEMS; DEVELOPMENT

13-036 Maryland. Maryland State Legislature.

Non-Tidal Wetlands Study of the Patuxent River Watershed. 21 pp. March 1980.

Inventories non-tidal wetlands in the watershed and investigates alternative methods of protecting them. Also recommendations for legislation and administrative policies for protection are made.

WETLANDS; WATERSHEDS; POLICY EVALUATION; COASTAL INVENTORIES; RESOURCE PROTECTION

13-037 Maryland. Department of Natural Resources.
Anne Arundel County Boating and Marine Study. Multi-pp. August 1980.

Surveys the pattern and location of boating activities, the environmental impacts of boating and marinas, and appropriate management techniques.

BOATING; ENVIRONMENTAL IMPACT; MARINAS; RECREATION/TOURISM

13-038 Maryland. Department of Natural Resources (Coastal Energy Impact Program).

Baltimore Harbor Energy Facility Study. Volumes 1 and 2. Multi-pp. September 1980.

Analyzes energy products movement through the Port of Baltimore and examines the environmental and socioeconomic impacts of operation, location and expansion of energy and energy transportation facilities in the harbor.

ENERGY TRANSPORTATION/STORAGE; SOCIOECONOMICS; ENVIRONMENTAL IMPACT; FACILITY SITING

13-039 Maryland. Maryland Coastal Zone Management Program.

A Study of the Impact of Open Marsh Water Management for Mosquito Control on the Ecology of Chesapeake Bay High Marsh Vegetation. Whigham, D., et al. Maryland Department of Agriculture. Annapolis, MD. 100 pp. December 1980.

Open Marsh Water Management (OMWM) techniques are being studied to determine their effectiveness in suppressing mosquito production on the lower Eastern Shore. Ecological changes in the marsh ecosystem due to OMWM are also being evaluated.

COASTAL RESOURCES; PLANNING/MANAGEMENT; ISSUES/ PROBLEMS; REGIONAL IMPACT; WATER RESOURCES; WETLANDS

13-040 Maryland. Department of Natural Resources.

The Role of Boat Wakes in Shore Erosion in Anne Arundel County, MD. Multi-pp. December 1980.

Reports on a study to determine whether recreational boating is detrimental to shorelines by causing erosion. Sites were sheltered from environmental conditions (wind waves) and were studied for one year.

BOATING; EROSION/SEDIMENTATION; HYDROLOGY; LAND/WATER USE

13-041 Maryland. Department of Natural Resources.

A Review and Evaluation of Fisheries Stock Management Models. Multi-pp. 1980.

Assesses the suitablility of various fisheries production and population models for use in the management of Maryland's tidewater fisheries. Provides a literature review and life history data for selected Maryland species.

FISH/FISHERIES; PLANNING/MANAGEMENT

13-042 Maryland. Department of Natural Resources.

The Annotated Bibliography of the Maryland Coastal Zone Management Program. Stanton, G. and M. Norman. 23 pp. 1980.

Provides an annotated listing of all coastal zone related publications produced by the state.

BIBLIOGRAPHY; COASTAL RESOURCES

13-043 Maryland. Department of Natural Resources.

Choptank River Material Placement Study. Volumes 1 and 2. 94 pp. Appendices. June 1981.

Assesses the dredging needs of Talbot and Dorchester counties from 1980 to 1990. Projected operations and the availability of dumping sites were examined. A plan for materials disposal was developed based on economic and environmental analyses.

DREDGING; ENVIRONMENTAL IMPACT; SOCIOECONOMICS; WETLANDS; LAND/WATER USE

13-044 Maryland. Department of State Planning.

Areas of Critical State Concern: Designation Report. Multi-pp. August 1981.

Comprehensive report containing site description and maps of designated areas and a discussion of management policy for each area. Relevant state, local and Federal management authorities are reviewed.

CRITICAL AREAS; PLANNING/MANAGEMENT; LEGAL/INSTITUTIONAL ANALYSIS

13-045 Maryland. Department of Natural Resources.

Resource Dynamics and Ecology of Submerged Aquatic Vegetation in Chesapeake Bay: A Modelling Approach to Demonstrate Resource Management Concepts. Phase 1, Volumes 1 and 2. Multi-pp. August 1981.

13-045 Maryland. Department of Natural Resources. (continued)

Reports on development of a resource management modelling study. The model characterizes the interactions of ecosystems associated with submerged aquatic vegetation in Chesapeake Bay. Emphasized in the model are the effects of human-generated waste and production of commercially important species.

ESTUARIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; VEGETATION; FISH/FISHERIES; POLLUTION

13-046 Maryland. Department of Natural Resources (Coastal Energy Impact Program).

Baltimore Harbor Energy Study: An Analysis of the Island Relocation Potential of Petroleum Storage Facilities. Multi-pp. 1981.

Presents an analysis of socioeconomic factors to be considered in relocation of petroleum storage facilities from deepwater sites in Baltimore to allow for their use as marine terminal and water-dependent manufacturing facilities. Such a relocation is contemplated because of the delivery of products by pipeline rather than ship.

ENERGY TRANSPORTATION/STORAGE; INDUSTRY/COMMERCE; PORTS/WATERFRONTS

13-047 Maryland. Department of Natural Resources.

Natural Buffer Areas: An Annotated Bibliography. Palfrey, R. and E. H. Bradley. Multi-pp. 1981.

Contains information on scientific studies concerned with using buffer areas in protection of wetlands and water quality for streams and tidal waters.

BIBLIOGRAPHY; BUFFER ZONE; CRITICAL AREAS; WETLANDS; WATER RESOURCES

13-048 Maryland. Maryland Coastal Zone Management Program.

Private Waterfront Recreation Facilities in Maryland. Fitzpatrick, K. Maryland Office of Tourist Development. Annapolis, MD. 75 pp. Maps. 1981.

The intent of this inventory is to provide information to help the public gain access to the tidal waters of Maryland. The inventory includes the names and locations of sites and what facilities they provide. These sites are arranged alphabetically by county with maps and directions to help the user find the locations.

PUBLIC ACCESS; COASTAL INVENTORIES; FACILITY SITING; RECREATION/TOURISM; LAND/WATER USE

13-049 Maryland. Maryland Coastal Zone Management Program.

A Suspended Sediment Budget for the Choptank River Estuary. Fisher, T., et. al. Tidewater Administration. Annapolis, MD. 100 pp. 1981.

A sediment budget for the Choptank River estuary is being constructed. This budget will include sediment imputs from shore erosion, the Chesapeake Bay and upland runoff. The impacts of dredging and shellfish harvesting on the sedimentary budget will also be evaluated.

DREDGING; ESTUARIES; ECONOMICS; COASTAL WATERS; EROSION/SEDIMENTATION; FISH/FISHERIES

13-050 Maryland. Department of Natural Resources.

Maryland's Waterfront Recreational Facilities. Multi-pp. 1981

Booklet inventories waterfront recreational facilities throughout the state.

RECREATION/TOURISM; MARINAS

13-051 Maryland. Maryland Coastal Zone Management Program.

The Coastal Wetlands of Maryland. McCormick, J. and H. Somes. Maryland Department of Natural Resources, Tidewater Administration. Annapolis, MD. 240 pp. June 1982.

The purpose of this study is to develop detailed information on the vegetation of Maryland's wetlands, and the location, extent and values of different types of wetlands to aid the Department of Natural Resources in its wetlands management activities. The major task of the study consisted of mapping 35 vegetation types on approximately 2,000 mylar photo-maps (1:24,000) covering the tidewater sections of Maryland. The acreages of the vegetation types that are present on each map were determined by a dot gridding process and these acreages were totalled, by vegetation type, for each major watershed, for each county and for the state. The text of the report discusses the values of Maryland's coastal wetlands and presents an environmental evaluation scheme for use in management activities.

WETLANDS; VEGETATION; MAPS/MAPPING; WATERSHEDS; PLANNING/MANAGEMENT; ECONOMICS; ISSUES/PROBLEMS

13-052 Maryland. Coastal Zone Management Program.

Non-Tidal Wetlands Protection: A Handbook for Local Governments. Kusler, J. A. Annapolis, MD. 150 pp. July 1982.

Guidebook designed for local governmental officials, landowners, etc. It discusses values, threats to wetlands, steps for protecting wetlands,

13-052 Maryland. Coastal Zone Management Program. (continued)

protection standards and protection techniques. A model ordinance is included as are brief descriptions of wetlands protection efforts by a few Maryland communities.

WETLANDS; SUBMERGED LANDS; PERMITS/PERMITTING; SPECIAL AREAS MANAGEMENT

13-053 Maryland. Coastal Zone Management Program.

Maryland Cartographic Information Directory. Santerre, P. and D. Burke. Annapolis, MD. 90 pp. July 1982.

This directory is primarily designed to serve the needs of coastal resource and environmental planners to facilitate both the access and application of the cartogaphic products and services provided by Maryland state and Federal agencies.

INFORMATION SYSTEMS

13-054 Maryland. Coastal Zone Management Program.

Maryland Dredge and Fill Permit Process Handbook. Multi-pp. August 1982.

Handbook provides a description of the dredge and fill permit process in the Maryland coastal zone. It summarizes the review process and identifies all governmental agencies involved. Permitting roles, legal mandates, policies and operating procedures for participating agencies are provided.

DREDGING; SHIPPING; STATE-FEDERAL COORDINATION

13-055 Maryland. Maryland Coastal Zone Management Program.

Success and Failure of Shore Erosion Control Structures in Northern Chesapeake Bay. Dean, R., et. al. Tidewater Administration. Annapolis, MD. August 1982.

Series of atlas maps showing variations in shoreline morphology and variations in other factors which affect the shore erosion process and performance of shore erosion measures. Written report discusses significance of variation of these factors to the performance of past and future shore erosion measures; relationships between historical shore erosion rates and plotted factors; description of case study showing impact of land use on shoreline erosion; case studies of 40 representative structures to illustrate how atlas maps can be used to assess the performance of future erosion control measures along portions of the bay shoreline.

COASTAL RESOURCES; GOALS/OBJECTIVES; EROSION/SEDIMENTATION; MAPS/MAPPING; NATURAL HAZARDS

13-056 Maryland. Maryland Coastal Zone Management Program.

Watershed Management in the Northeast River Watershed. Bostater, C. Multi-pp. October 1982.

Water quality modeling, hydrological modeling results are used to help develop develop a watershed management plan with emphasis on flood plain analysis and non-point sources.

FLOODPLAINS; WATER QUALITY; WATER RESOURCES; WATERSHEDS

13-057 Maryland. Maryland Coastal Zone Management Program.

Chester River Watershed Management and Modelling Report. Multi-pp. 1982.

Provides an analysis of management plan and model of Chester Estuary.

WATER QUALITY; ESTUARIES; WATER RESOURCES; LAND/WATER USE; WATERSHEDS

13-058 Maryland. Maryland Coastal Zone Management Program.

Resource Monitoring and Data Storage Procedures for the State of Maryland. Bostater, C. Multi-pp. 1982.

Documentation for storage and retrieval of a computerized system for storing relevant coastal resources data.

COASTAL RESOURCES; WATER RESOURCES; WATERSHEDS

13-059 Maryland. Maryland Coastal Zone Management Program.

Resource Monitoring Strategy for Chesapeake Bay - Recommendations. Bostater, C. Multi-pp. 1982.

Resource monitoring recommendations are presented.

WATER QUALITY; ESTUARIES; WATER RESOURCES; HYDROLOGY; RESOURCE PROTECTION; WATERSHEDS

13-060 Maryland. Department of Natural Resources (Coastal Energy Impact Program).

Assessment of the Effects of Oil Pollution on Spartina Marshes. Krebs, C. T., et. al. 109 pp. No Date.

Describes a series of research projects assessing the effects of oil on marshland ecosystems and a new procedure for the restoration of oiled marshes.

OIL SPILL POLLUTION EFFECTS; WETLANDS; ENVIRONMENTAL IMPACT

14-001 Massachusetts, University of. Institute for Man and the Environment.

A Selective Review and Guide to Scientific Literature for Management of the Coastal Zone in Massachusetts. Vories, K. Amherst, MA. 25 pp. May 1975. (CZIC)

Presents a selectively annotated bibliography with 176 entries arranged alphabetically by author. A subject heading index is included for quick retrieval of literature dealing with particular areas. Subject headings are: Environmental Inventory, Coastal Geology, Coastal Vegetation, Marine Ecology, Fisheries, and Coastal Management.

BIBLIOGRAPHY; GEOLOGY; MARINE BIOLOGY; VEGETATION; FISH/FISHERIES; COASTAL INVENTORIES; PLANNING/MANAGEMENT

14-002 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

Alternative Management Boundaries Massachusetts Coastal Zone Management-Planning. Boston, MA. 11 pp. July 1975. (CZIC)

Discusses ten possible coastal zone boundaries based on coastal watersheds, coastal storm flood plains, 50-foot topographic elevation, coastal ecological systems, visual features, town jurisdictions, one-half mile back from mean high tide, major coastal roads, coastal census tracks or districts, and immediate water on beach frontage. Potential multiple boundaries are also considered.

BOUNDARIES

14-003 Massachusetts. Executive Office of Environmental Affairs. Coastal Zone Management Program.

Ecosystems and Resources of the Massachusetts Coast. Carlozzi, C., King, K. and W. F. Newbold Boston, MA. 68 pp. Maps. 1975. (CZIC)

Examines the natural and man-made systems making up the state's work, their importance to the environment, and the way in which they are used and altered by man. The document is prepared as a citizen's guide.

PUBLIC PARTICIPATION; WETLANDS; ESTUARIES; LAND/WATER USE; COASTAL RESOURCES

14-004 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

Erosion and Flooding Study: Critical Hazardous Areas. Massachusetts Coastal Zone Management - Planning. Boston, MA. 6 pp. January 1976. (CZIC)

Describes a study analyzing natural hazards in the Massachusetts coastal

14-004 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management. (continued)

zone. The study's aim is to review the natural hazard situation and to determine appropriate coastal zone management actions.

NATURAL HAZARDS; ISSUES/PROBLEMS

14-005 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

Heliports: A Technical Assistance Manual for Massachusetts' Communities Explaining One Aspect of Outer Continental Shelf Exploration and Development. Connolly, M. B. Boston, MA. 17 pp. January 1976. (CZIC)

Presents the first in a series of documents the Energy Task Force is preparing to familiarize citizens with onshore developments related to OCS petroleum exploration. Supplies information on the type of helicopters that would assist offshore operations, the requirements and impacts of siting a heliport, and the regulatory authorities which apply to helicopters.

TRANSPORTATION; OCS; FACILITY SITING

14-006 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

An Atlas of Resources on Georges Bank and Nantucket Shoals. Coastal Zone Management Information/Education. Boston, MA. 3 pp. Maps. September 1976.

Presents resource information describing the areas leased by the U.S. Bureau of Land Management for OCS oil and gas development. Brief statements are made concerning fisheries in the area, their importance as a spawning ground, currents, oil spill hazard, and the Canadian equidistant claim.

OCS; ISSUES/PROBLEMS; FISH/FISHERIES; PETROLEUM INDUSTRY; OIL POLLUTION/EFFECTS

14-007 Massachusetts. Massachusetts Office of State Planning.

Offshore Oil Development: Implications for Massachusetts Communities. Office of State Planning. Boston, MA. 68 pp. November 1976. (CZIC)

Provides information on potential oil development in Massachusetts. Information will help communities that may be faced with decisions regarding the location of petroleum facilities and activities. Goal of the manual is to improve the effectiveness of local decision making.

PETROLEUM INDUSTRY; DEVELOPMENT; ENERGY FACILITY SITING; PLANNING/MANAGEMENT

14-008 Massachusetts. Executive Office of Environmental Affairs.

Legal Authorities for the Implementation of the Massachusetts Coastal Zone Management Program. Rice, D. Boston, MA. 290 pp. December 1976. (CZIC)

Multi-part report on Massachusetts legal and institutional resources for use in management program development, adoption, and implementation.

LAWS & LEGISLATION; PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT

14-009 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

Living by the Sea: A Massachusetts Citizen's Handbook for Coastal Zone Management Planning. Reynolds, M. O., Kaufman, M. and T. Cohen. Boston, MA. 44 pp. 1976.

Reviews coastal zone boundaries, natural resources, and management efforts in Massachusetts in an attempt to acquaint and involve the public in coastal issues and planning. Written in lay person terms.

PUBLIC PARTICIPATION; BOUNDARIES; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

14-010 Massachusetts. Executive Office of Environmental Affairs. Office of Coastal Zone Management.

Massachusetts Coastal Zone Management: A Program in Progress. Massachusetts Coastal Zone Management - Information/Education. Boston, MA. 19 pp. 1976.

Presents information on the history of coastal zone management in Massachusetts. Work efforts in the following areas are described: areas of critical concern, permissible uses, public participation, public information, implementing a coastal zone management plan, and other duties of the Coastal Review Center.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; CRITICAL AREAS; PUBLIC PARTICIPATION; PERMISSIBLE USES

14-011 Massachusetts. Executive Office of Environmental Afairs.

Massachusetts Coastal Regions and an Atlas of Resources. Massachusetts Coastal Zone Management Plan. Volume II. Boston, MA. Multi-pp. Oversize Atlas. March 1977. (CZIC)

This work presents ten regional reports. Each report describes the region's natural and man-made features, discusses citizens' desires for future use of the region's resources, outlines specific problems, and applies the Commonwealth's Coastal Zone Management policies to the region. A set of maps depicting important resource areas accompanied by citizen concerns and Coastal

14-011 Massachusetts. Executive Office of Environmental Afairs. (continued)

Zone Management comments about particular sites follows the text for each region.

ATLASES; MAPS/MAPPING; ISSUES/PROBLEMS; PUBLIC PARTICIPATION; PLANNING/ MANAGEMENT

14-012 Massachusetts. Executive Office of Environmental Affairs.

Massachusetts Coastal Zone Management Program and Final Environmental Impact Statement. Federal Office of Coastal Zone Management. Boston, MA. 370 pp. Appendices. March 1978. (CZIC)

This work establishes the framework for the Massachusetts Coastal Zone Management Program. This document covers a general overview of the program, description of the proposed action, definition of the coastal zone boundary, resources and use issues, coastal policies, how the program affects development activities within the coastal zone boundary, key state agencies and authorities, public participation, Federal agency participation, what the programs mean to local communities, impacts of proposed actions, alternatives to proposed action, adverse environmental effects, inversible commitments of resources, consultation and coordination and appendices.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; BOUNDARIES; DEVELOPMENT; PUBLIC PARTICIPATION; FEDERAL AGENCIES

14-013 Massachusetts. Office of Coastal Zone Management.

A Guide to the Coastal Wetlands Regulations. 158 pp. December 1978.

Desiwned to aid conservation commissions, developers and intererted citizens in applying wetlands regulations to sites and projects. Guide provides state policy on implementing regulations.

LEGAL/INSTITUTIONAL ANALYSIS; GOALS AND OBJECTIVES; WETLANDS

14-014 Massachusetts. Office of Coastal Zone Management.

Cultural Development Plan for the Historic Beverly Waterfront. 11 pp. 1980.

A general report that outlines a plan for revitalization of a waterfront area. Provides general design and cost estimates.

CULTURAL/HISTORICAL RESOURCES; PORTS/WATERFRONTS; RESOURCE PROTECTION

14-015 Massachusetts. Coastal Zone Management Office.

Barrier Beaches; A Few Questions Answered. 7 pp. Boston, MA. February 1981.

A short description of barrier beach dynamics and their importance to the Massachusetts coastline.

BARRIER ISLANDS; BEACHES/DUNES; COASTAL RESOURCES

14-016 Massachusetts. Coastal Zone Management Office.

CZM on Offshore Oil: A Short History of CZM's Involvement in Issues Related to Offshore Drilling. 7 pp. Boston, MA. May 1981.

Describes the state's involvement in issues arising from OCS resource development.

OCS

14-017 Massachusetts. Coastal Zone Management Office.

ACEC: Areas of Critical Environmental Concern Site Summaries and Regulations. Bliven, S. 67 pp. Boston, MA. Revised February 1982.

The Massachusetts program for identification, designation and protection of critical areas.

COASTAL RESOURCES; CRITICAL AREAS; PRESERVATION; WATER RESOURCES

14-018 Massachusetts. Coastal Zone Management Office.

PCB Pollution in the New Bedford, MA. area: A Status Report. Weaver, G. 60 pp. Boston, MA. June 1982.

A definitive outline of the history, causes and scope of PCB pollution in the New Bedford harbor area.

POLLUTION; WATER POLLUTION; WATER QUALITY; ENVIRONMENTAL IMPACT

14-019 Massachusetts. Coastal Zone Management Office.

ACEC: Areas of Critical Environmental Concern. 5 pp. Boston, MA. June 1982.

A brief description of what is an ACEC, it purpose, value and method of implementation.

14-019 Massachusetts. Coastal Zone Management Office. (continued)

CRITICAL AREA; CONSERVATION; PRESERVATION

15-001 Michigan. Department of Natural Resources. Coastal Zone Management Program.

Sand Dunes & Wetlands. Planning Guidelines for Michigan's Residential & Path Development. Lansing, MI. 28 pp. May 1975. (CZIC)

Describes in words and diagrams development problems and dangers in wetland areas and on sand dunes. Planning and development guidelines are suggested for both resource areas.

WETLANDS; BEACHES/DUNES; PLANNING/MANAGEMENT; DEVELOPMENT

15-002 Michigan. Department of Natural Resources. Bureau of Water Management. Coastal Zone Management Program.

Acquisition of Less than Fee Simple Interests in Michigan Shorelands - A Legal Analysis. Bronstein, D. and Leighty L. L. Lansing, MI. 29 pp. June 1975. (CZIC)

Written in layman's terms, the document describes basic property concepts, the types of less than fee simple interests for land acquisition, methods of property acquisition, conclusions and recommendations.

LAND/WATER USE; ECONOMICS; GROWTH

15-003 Michigan. Department of Natural Resources.

The Distribution and Abundance of Archaeological Sites in the Coastal Zone of Michigan. Peebles, C. S. and D. B. Black. Michigan History Division, Department of State; and Michigan Department of Natural Resources. Lansing, MI. 226 pp. June 1976. (CZIC)

Report on a search of published and unpublished records for all archaeological sites located within the coastal zone. Included are summaries of each search, county and locality of each site, type of site, collections, and more, for each of 845 sites.

CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES; NATIVE AMERICANS

15-004 Michigan. Department of Natural Resources. Water Management Division.

Conceptual Design of a Computer System to Support the Operations of the Submerged Lands Section Under Act 247 and Act 346. 73 pp. Appendices. June 1977. (CZIC)

Provides a general description of a computerized information system to serve the needs of the Submerged Lands Section in their issuance procedures of permits and conveyances under Acts 247 and 346. Increased efficiency and better management information were the specific objectives.

15-004 Michigan. Department of Natural Resources. Water Management Division. (continued)

SUBMERGED LANDS; PERMISSIBLE USES; PERMITS/PERMITTING; PLANNING/MANAGEMENT

15-005 Michigan. Michigan Department of Natural Resources. Coastal Management Program.

Legal Analysis of Local Shoreland Ordinances (Final Draft). Mitchell, J. 81 pp. May 1978.

This discussion of legal issues presents the background necessary to evaluate both the role of local shorelands zoning within the federal and state regulatory pattern and the predictable legal challenges.

LAWS AND LEGISLATION; ZONING; FEDERAL AGENCIES; ISSUES/PROBLEMS; STATE-LOCAL COORDINATION; FEDERAL CONSISTENCY

15-006 Michigan. Department of Natural Resources. Fisheries Division.

Past and Presently Known Spawning Grounds of Fishes in the Michigan Coastal Waters of the Great Lakes. Organ, W. L., et. al. 502 pp. December 1978.

This document includes information on 55 species of fish and spawning ground utilization from the 1890's through 1978. Designated graphically, according to composition, are approximately 900 spawning grounds that have been or are being used in the Michigan coastal waters of the Great Lakes.

FISH/FISHERIES; COASTAL INVENTORIES; WATER-RESOURCES

15-007 Michigan. Department of Natural Resources. Coastal Management Program.

Coastal Wetlands Value Study in Michigan - Phase 1 and 2. 99 pp. 1978.

Discussion of wetland losses along Michigan's Great Lakes shoreline and the value of coastal wetlands to waterfowl, fur bearers, commercial and sport fishing and nonconsumptive wetland values.

COASTAL RESOURCES; WETLANDS

15-008 Michigan. Department of Natural Resources. Coastal Management Program.

Michigan Coastal Management Program - A Summary. 24 pp. 1978.

A summary of Michigan's Coastal Management Program.

PROGRAM DESCRIPTION

15-009 Michigan. Department of Natural Resources. Coastal Management Program.

An Inventory of Potential Sites for Great Lakes Public Marinas and Boat Launching Ramps. 100 pp. 1978.

An inventory of potential sites for Great Lakes public marinas and boat launching ramps in Michigan.

BOATING; COASTAL INVENTORIES; MARINAS

15-010 Michigan. Department of Natural Resources.

Great Lakes Shoreland Erosion. 10 pp. September 1979.

Brochure provides an introduction to the Shorelands Protection and Management Act as it applies to high risk erosion areas. Discusses the results of unwise development, methods to determine the extent and rate of erosion and development standards along the shore.

EROSION/SEDIMENTATION; PERMISSIBLE USES; LAWS & LEGISLATION; DEVELOPMENT

15-011 Michigan. Department of Natural Resources.

Sand Dune Mining Generic Environmental Impact Statement (including addendum, 3/80). 95 pp. Appendices. November 1979.

Provides a general review of sand dune mining because mining often results in public concern or controversy with respect to its environmental effects. Introduces the anticipated impacts of sand mining. Reviews industry activity, the affected environment, alternatives and mitigation measures.

BEACHES/DUNES; DEVELOPMENT; ISSUES/PROBLEMS; ENVIRONMENTAL IMPACTS

15-012 Michigan. Department of Natural Resources. Coastal Management Program.

Local Zoning for High Risk Erosion Areas. 63 pp. 1979.

Designed for use by citizens and local officials to provide information on how to adopt local regulations to minimize future property loss in areas identified as "high risk" due to shoreline erosion. Ordinance language provides sample standards for use in the development of local regulations consistent with the Michigan Shorelands Protection and Management Act.

CRITICAL AREAS; EROSION/SEDIMENTATION; PLANNING/MANAGEMENT; SPECIAL AREAS MANAGEMENT; ZONING; STATE-LOCAL COORDINATION

15-013 Michigan. Department of Natural Resources.

Saginaw River Port Development - Phase 1 Report. 200 pp. Phase 2 Report. 70 pp. June 1980.

Phase 1 identifies long-term needs for commercial, industrial and recreational use of the river by analyzing river related demands in depth. Phase 2 provides an implementation plan to address problems and opportunities identified.

PORT/WATERFRONTS; DREDGING; INDUSTRY/COMMERCE; RECREATION/TOURISM

15-014 Michigan. Department of Natural Resources.

Visual Improvement Plan: Downriver Industry. 148 pp. August 1980.

Establishes visual improvement guidelines and implementing strategies for industrial areas along 20 miles of the Detroit River. Visual improvement techniques are suggested to assist industry in developing a more appropriate visual image. Additional ways of increasing public access to the riverfront are identified.

PUBLIC ACCESS; AESTHETICS; RECREATION/TOURISM

15-015 Michigan. Department of Natural Resources.

Marina and Park Development Study: Village of Elk Rapids, MI. 25 pp. Maps. August 1980.

Presents project base maps and reviews existing information to determine demands for water based activities. Establishes marina plans including docks, launching ramps, parking, etc. Cost estimates are provided for improvement plans.

LAND/WATER USE; DREDGING; MARINAS; RECREATION/TOURISM

15-016 Michigan. Department of Natural Resources.

Chassel Township Recreation Plan. 26 pp. August 1980. (CZIC)

Reviews existing programs and establishes recreational goals for the township. Program is established for future improvements.

RECREATION/TOURISM; NATURAL RESOURCES; PLANNING/MANAGEMENT

15-017 Michigan. Department of Natural Resources.

Calumet Township Recreation Plan. 23 pp. August 1980.

Establishes long-term goals and objectives for a recreational development program. Describes the existing facilities and notes program deficiencies. Implementation program is presented.

RECREATION/TOURISM; PROGRAM EVALUATION

15-018 Michigan. Department of Natural Resources.

Lake Superior County Park Recreation Study. 31 pp. August 1980. (CZIC)

Determines recreational deficiencies of the region. Analyzes facilities and assesses population needs. Natural and cultural resources and recreation patterns are assessed to determine the site's most suitable recreation uses.

RECREATION/TOURISM; PARKS; SOCIOECONOMICS

15-019 Michigan. Department of Natural Resources.

Analysis of Financial and Operational Aspects of the Detroit/Wayne County Port Authority. Volume 1 Final Report. 114 pp. Volume 2 Appendices. August 1980.

Examines in detail how future Detroit port development plans are to be managed. Analyzes the opportunities and problems associated with such planning. Evaluates the current and future organizational relationships between public and private agencies involved in port activities. Defines the financial relationships between the Port and governmental bodies. Describes staffing requirements for Port Authority. A marketing strategy for the port is described. Implementation plan is presented.

INDUSTRY/COMMERCE; DEVELOPMENT; PORTS/WATERFRONTS

15-020 Michigan. Department of Natural Resources.

Downtown Riverfront Promenade Design: Bay City, MI. 53 pp. Maps. September 1980.

Describes the physical site inventory and the final plan design for a riverfront walkway. Estimates of cost and project phasing are presented.

PUBLIC ACCESS

15-021 Michigan. Department of Natural Resources.

Community Center to Slazburg Ave. Extension, Veterans Memorial Park Development. Bay City, MI. 93 pp. Maps. September 1980.

Study defines physical expansion guidelines for park along the Saginaw River. Subjects covered include an historical, economic and environmental analysis, a development plan, as well as cost estimates.

PARKS; SOCIOECONOMICS; RECREATION/TOURISM

15-022 Michigan. Department of Natural Resources.

Chine/St. Subin Park Marina/Canal Feasibility Study. Detroit, MI. Multi-pp. September 1980.

Study examines the feasibility of linking separate riverfront park sites, provide boat access to downtown and enhancement of private development opportunities. The study provides the technical canal configuration, multiple use conflicts, feasibility of a seasonal and transient boat marina, and cost estimates.

PUBLIC ACCESS; BOATING; CONFLICTING USES; MARINAS

15-023 Michigan. Department of Natural Resources.

Norwood Township Park - A Plan for Development. 9 pp. Maps. September 1980.

Study and plan to develop a lakefront park. Provides a general environmental description and impact assessment, alternative and master plans, specifications for construction and cost estimates.

RECREATION/TOURISM; ENVIRONMENTAL IMPACT; PARKS; ENGINEERING

15-024 Michigan. Department of Natural Resources.

Little Presque Isle Recommended Management Plan. 100 pp. October 1980.

Provides a recreational development plan advocating low intensity use to an area heavily damaged by previous use. Trails and day use facilities are proposed based on environmental analysis and population and land use analysis.

AESTHETICS; LAND/WATER USE; NATURAL RESOURCES; ENVIRONMENTAL IMPACT

15-025 Michigan. Department of Natural Resources (Coastal Energy Impact Program).

Coastal Effects of Coal Transshipment in Michigan: An Evaluation Strategy. Multi-pp. October 1980.

15-025 Michigan. Department of Natural Resources (Coastal Energy Impact Program). (continued)

Examines present and projected uses of coal in Michigan between 1980 and 2000. Provides policy recommendations for the state to adopt to: minimize transport vessel and rail transport impacts, develop a dredging plan, provide for public access, examine the effects of coal on the aquatic environment and integrating the planning and permitting process for coal transshippment with those of the existing energy industry.

COAL; ENERGY TRANSPORTATION/STORAGE; DREDGING; ENVIRONMENTAL IMPACTS; SOCIOECONOMICS; PUBLIC ACCESS; PERMITS/PERMITTING; PLANNING/MANAGEMENT; FACILITY SITING; INDUSTRY/COMMERCE

15-026 Michigan. Department of Natural Resources.

Management Program for Michigan's Great Lakes Islands. 52 pp. Appendices. December 1980.

Reviews and analyzes management issues, classifies and ranks resources of the islands, examines management options and recommends a program to manage the island.

PUBLIC ACCESS; ISSUES/PROBLEMS; NATURAL RESOURCES; PLANNING/MANAGEMENT

15-027 Michigan. Department of Natural Resouces.

Beach Erosion in Michigan: An Historical Review. Brater, E. F. 22 pp. 1980. (CZIC)

Examines historical data on erosion and associated damage along Michigan shoreline from 1938 - 1975. Makes projections on future patterns of erosion.

EROSION/SEDIMENTATION; NATURAL HAZARDS

15-028 Michigan. Department of Natural Resources (Coastal Energy Impact Program).

Michigan Coastal Coal Storage. 90 pp. 1980.

Identification of feasible alternatives for coal storage sites at coastal power plants in terms of environmental, aesthetic, economic and engineering considerations. Results of the study have important implications for the siting, design and operation of storage facilities in the coastal zone.

COAL TRANSPORTATION/STORAGE; ENERGY IMPACTS; ENERGY TRANSPORTATION/STORAGE; ENVIRONMENTAL IMPACT; PLANNING MANAGEMENT; SOCIOECONOMICS

15-029 Michigan. Department of Natural Resources.

Sault Sainte Marie Historic Locks Park: The Plan of Development. 67 pp. June 1981. (CZIC)

Portions of the waterfront were identified and studied for a commercial development attraction. Recommendations that historically significant areas be especially developed are made. Additionally, pedestrian corridors are advocated. Implementation plan is presented.

PUBLIC ACCESS; CULTURAL/HISTORICAL RESOURCES; INDUSTRY/COMMERCE; DEVELOPMENT

15-030 Michigan. Department of Natural Resources.

Marine City Nautical Mile Master Plan: A Coastal Area Development Plan. 72 pp. July 1981. (CZIC)

Coastal resources are analyzed, problems and opportunities identified and specific measures are recommended for economic development, improved public access and enhanced recreational opportunity. Site specific designs, cost estimates and implementation program are presented.

RECREATION/TOURISM; PUBLIC ACCESS; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

15-031 Michigan. Department of Natural Resources.

Tawas Point Bicycle Path Design Study. 28 pp. Appendix. August 1981.

Study analyzes conditions for a bicycle route. Explores alternative design schemes, develops plans and implementation programs as well as potential funding sources.

RECREATION/TOURISM

15-032 Michigan. Department of Natural Resources.

An Adaptive Reuse Plan: Mt. Elliot Interpretive Center. 94 pp. September 1981.

Investigates feasibility of establishing an interpretive center to relate regional history to the public. Construction and operation expenses are estimated. An implementation strategy is proposed.

PUBLIC ACCESS; EDUCATION; CULTURAL/HISTORICAL RESOURCES

15-033 Michigan. Department of Natural Resources.

Development Master Plans and Programs: Grand Trunk Ferry Terminal Site, Grand Haven, MI. Multi-pp. September 1981.

Present a series of alternative development plans to be used as a guideline to expand and enhance utilization of river frontage property for recreational and land development purposes.

LAND/WATER USE; DEVELOPMENT; INDUSTRY/COMMERCE

15-034 Michigan. Department of Natural Resources.

Weko Beach Shoreline Erosion Study. 19 pp. Maps. September 1981

Study analyzes shoreline erosion and evaluates the feasibility of providing a long-term solution. Immediate problems studies included beach house protection, improvement of a boat launch ramp and protection of the municipal water intake pipeline.

EROSION/SEDIMENTATION; WATER QUALITY; ISSUES/PROBLEMS

15-035 Michigan. Department of Natural Resources.

Hagar Township Park Development Plan and Recommendations for Beach and Bluff Stabilization. 60 pp. September 1981. (CZIC)

For a proposed park within the township, site analysis is presented with recommendations for development. Adjacent bluff and beach sites are proposed for stabilization. Implementation plans are presented.

PARKS; PUBLIC ACCESS; RECREATION/TOURISM

15-036 Michigan. Department of Natural Resources.

Coastal Management Program 1980 - 1981: Northeast Michigan Council of Governments Year End Report. 193 pp. October 1981. (CZIC)

Reviews activities for fiscal year 1981. Presents summaries of local grants projects. Describes efforts to secure grant funding for local governments.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; LAND/WATER USE

15-037 Michigan. Department of Natural Resources (Coastal Energy Impact Program).

Energy Facility Siting in Michigan. 333 pp. 1981.

Addresses energy facility siting consideration identifying physical, social,

15-037 Michigan. Department of Natural Resources (Coastal Energy Impact Program). (continued)

economic and environmental factors involved. Focuses on current state statutory and administrative rules which affect siting and opportunities for improved efficiency in siting energy facilities. Four specific sites in Michigan are inventoried.

ENERGY; ENERGY FACILITY SITING; ENERGY LAWS AND LEGISLATION; PERMITS/ PERMITTING

15-038 Michigan. Department of Natural Resources. Coastal Management Program.

Saint Clair Flats Management Recommendations. 27 pp. 1981.

Management recommendations for a unique wetland area in Michigan to provide a sound basis for future management decisions concerning the protection of critical fish, wildlife and recreation resources.

WETLANDS; PLANNING/MANAGEMENT

15-039 Michigan. Department of Natural Resources. Division of Land Resources Programs. Michigan Natural Resources Commission.

The Shoreland Protection and Management Act--For the Protection of Life, Property and Natural Resources. Lansing, MI. 42 pp. March 1982.

This manual is intended to assist citizens and local units of government in understanding the provisions of Act 245. The question and answer portion of this booklet is divided into three sections corresponding to the three types of areas addressed under the Shorelenads Protection and Management Act.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

15-040 Michigan. Department of Natural Resources. Coastal Management Program.

Handicappers Coastal Guide to Accessible Recreation Facilities. 38 pp. 1982.

Inventory of accessible recreation facilities along Michigan's Great Lakes shoreline.

COASTAL INVENTORIES; PUBLIC ACCESS; RECREATION/TOURISM

16-001 Minnesota. State Planning Agency. Coastal Zone Management Program.

Inventory of Historical, Natural, and Scientific Sites of the Lake Superior North Shore. Arrowhead Regional Development Commission (Duluth, Minnesota). Saint Paul, MN. 53 pp. Maps. May 1975. (CZIC)

Inventories historic, natural, and scientific sites in coastal areas of Minnesota.

CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

16-002 Minnesota. Department of Economic Development.

A Guide to Economic Information and Activity for the Minnesota Coastal Zone Land Use Management Plan. Saint Paul, MN. 396 pp. 1975. (CZIC)

Identifies the organizational structure functioning within the economic aspects of the Minnesota Coastal Zone Land Use Management Plan. Organizational responsibility, information capability, general statistics, projections, goals and objectives, and policies for State, regional, and Federal agencies are provided to indicate the magnitude of their economic impacts on the coastal zone.

ECONOMICS; GOALS/OBJECTIVES; COASTAL INVENTORIES

16-003 Minnesota. State Planning Agency. Coastal Zone Management Program.

North Shore Water and Sewage Survey. Saint Louis Company Health Department and Arrowhead Regional Development Commission. Saint Paul. 7 pp. Maps. May 1976.

Brief summary of survey results. The study was intended to determine what problems were associated with on-site sewage disposal systems and water wells in the coastal zone.

COASTAL WATERS; ISSUES/PROBLEMS; PLANNING/ MANAGEMENT; ENGINEERING; FACILITY SITING; GROUNDWATER; LAND/WATER USE

16-004 Minnesota. State Planning Agency. Coastal Zone Management Program.

Environmental Geology of the North Shore. Minnesota Geological Survey. Saint Paul, MN. 99 pp. Maps. May 1977.

This study provides maps and narrative description of land forms, surficial materials, bedrock geology, depth to bedrock and economic geology of the north shore of Lake Superior. The maps cover an area approximately 2 miles wide for the entire length of the shore from Duluth to the Canadian border.

16-004 Minnesota. State Planning Agency. Coastal Zone Management Program. (continued)

MAPS/MAPPING; GEOLOGY; ECONOMICS

16-005 Minnesota. State Planning Agency. Coastal Zone Management Program.

Soil Survey of North Shore of Lake Superior Coastal Zone Management Area. USDA-Soil Conservation Service. 73 pp. June 1977.

The study provides a detailed soil survey and soils information adjacent to the North Shore of Lake Superior. The survey encompasses an area approximately one mile wide for the entire North Shore.

COASTAL INVENTORIES

16-006 Minnesota. State Planning Agency. Coastal Zone Management Program.

North Shore Recreation Study. Minnesota Department of Natural Resources. Saint Paul, Minnesota. 139 pp. February 1978.

The document contains an evaluation of the recreation potential of federal, state, county and private lands on the North Shore and makes recommendations concerning the recreational use of state lands and ways the various recreational activities in the area can be coordinated to function on an interrelated system.

RECREATION/TOURISM; LAND/WATER USE

16-007 Minnesota. State Planning Agency. Coastal Zone Management Program.

North Shore Data Atlas. State Planning Agency. Saint Paul, MN. 40 pp. May 1978.

A collection of information in the form of maps, graphic charts and tables, about the North Shore of Lake Superior. The information includes information on soils, elevation, slope forest cover, ownership, land use information and an inventory of scenic and historical sites.

ATLASES; MAPS/MAPPING; VEGETATION; LAND/WATER USE; COASTAL INVENTORIES; CULTURAL/HISTORICAL RESOURCES

17-001 Mississippi. Mississippi-Alabama Sea Grant Consortium.

Proceedings from the Governor's Conference on Coastal Zone Management. Biloxi, MS. Ocean Springs, MS. 141 pp. July 24 and 25, 1974. (CZIC)

Presents Federal, state, and local perspectives on coastal zone management and discusses areas of particular interest including fisheries; mineral extraction and fossil fuels; recreation and tourism; transportation and navigation; commerce and industrial development; residential development; and waste disposal.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT; FISH/FISHERIES: MARINE MINING; RECREATION/TOURISM; TRANSPORTATION; NAVIGATION; INDUSTRY/COMMERCE; DEVELOPMENT

17-002 Mississippi. Mississippi-Alabama Sea Grant Consortium.

Proceedings from the Gulf States Conference on Coastal Zone Management. September 18 and 19, 1974. Ocean Springs, MS. 174 pp. 1974. (CZIC)

Presents the proceedings of a conference on coastal zone management at which the topics for panel discussion included coastal zone boundaries, inventorying, areas of particular concern, politics in coastal zone management, permissible uses and priorities, organizational structure proposed to implement the management program, and public participation in coastal zone management.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT; BOUNDARIES; COASTAL INVENTORIES; PERMISSIBLE USES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

17-003 Mississippi. Mississippi-Alabama Sea Grant Consortium.

Summary of Coastal Leaders Conference. Biloxi, MS. 31 pp. November 1975.

Contains a summary of the conference, the Coastal Zone Management Act of 1972, the Mississippi Coastal Wetlands Protection Act, and a listing of those invited (including mayors, councilmen, planning commission representatives, and others) to discuss the management plan.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT; PUBLIC PARTICIPATION; LAWS & LEGISLATION

17-004 Mississippi. Marine Resources Council

Several related public information brochures and handouts entitled: Mississippi's Coastal Areas: Its Future; What is the Mississippi Marine Resources Council; Questions and Answers About Coastal Zone Boundaries; and Land, People, Water: Mississippi's Concern. Long Beach, MS. Multi-pp. 1975. (CZIC)

These public information briefs were distributed as either handouts, random

17-004 Mississippi. Marine Resources Council (continued)

mailings, or inserts in local newspapers. They are designed to inform and elicit input from the public concerning state coastal zone management efforts.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION; BOUNDARIES; ISSUES/PROBLEMS; GOALS/OBJECTIVES

17-005 Mississippi. Marine Resources Council.

Public Meeting Series on Coastal Zone Boundaries. Sponsored by the Mississippi-Alabama Sea Grant Consortium for the Mississippi Marine Resources Council. Long Beach, MS. 158 pp. Maps. February 1976. (CZIC)

Presents the taped transcripts of 5 public meetings held concerning the State Coastal Zone Management Program's boundary proposals, and questions, comments and statements from the audience.

BOUNDARIES; PUBLIC PARTICIPATION

17-006 Mississippi. Mississippi-Alabama Sea Grant Consortium.

Public Meeting Series on Geographic Areas of Particular Concern and Priority of Uses. 125 pp. August 1976. (CZIC)

Includes sections on criteria for designating geographic areas of particular concern, geographic areas of statewide concern, geographic areas of local concern, a priority of uses evaluation matrix, questions, comments and statements from the participants, and members of the Mississippi Marine Resources Council.

PUBLIC PARTICIPATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

17-007 Mississippi. Mississippi Marine Resources Council.

Geographic Areas of Particular Concern. Jackson County, MS. Mississippi Outer Continental Shelf Impact Study. Long Beach, MS. 45 pp. Maps. 1976. (CZIC)

The geographic areas of particular concern (GAPC) are divided into residential-commercial developments, industrial developments, natural areas, historical-archaeological sites, and recreation areas. Each GAPC will experience differing types and degrees of impacts from onshore development as a result of Outer Continental Shelf (OCS) development. This study breaks down impacts into four major types: staging activities, pipelines-refineries, associated infrastructure, sociological and environmental, and further subdivides environmental impacts into three degrees of severity. It also assigns three degrees of onshore impacts for each GAPC.

17-007 Mississippi. Mississippi Marine Resources Council. (continued)

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; OCS; DEVELOPMENT; SOCIOECONOMICS; PETROLEUM INDUSTRY; CULTURAL/HISTORICAL RESOURCES

17-008 Mississippi. Marine Resources Council.

Discussion Report on National Interest and Uses of a Regional Benefit in the Mississippi Coastal Zone. 10 pp. July 1977. (CZIC)

Provides a discussion of issues of interest to those affected by the coastal program specifically considering them in terms of national interest and regional benefit. Subjects covered include land and water uses, areas of particular concern, policies and energy facility siting.

ISSUES/PROBLEMS; NATIONAL INTEREST; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FACILITY SITING; REGIONAL IMPACT

17-009 Mississippi. Marine Resources Council.

Coastal Zone Management Appendix. 16 pp. July 1977.

Develops issues related to the land and water uses element of the coastal zone management plan. Provides discussion of direct and significant impact and land uses subject to management in the coastal zone.

LAND/WATER USE; PLANNING/MANAGEMENT; PERMISSIBLE USES; SOCIOECONOMICS; ENVIRONMENTAL IMPACT

17-010 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Industrial Park Study: Phase 1 and 2 of the Research, Analysis, and Projections of the Fishing Industry. Baker, M. B. 60 pp. Long Beach, MS. March 1979.

This study analyzes the history and trends of the commercial fishing industry in Pascagoula, MS and based on this review (Phase 1), determined the feasibility of constructing a seafood industrial park (Phase 2).

FISH/FISHERIES; MARINAS

17-011 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Industrial Park Study: Phase I and II of the Research, Analysis, and Projections of the Fishing Industry. Baker, M. Bureau of Marine Resources. Long Beach, MS. 60 pp. March 1979.

This study analyzes the history and trends of the commercial fishing industry

17-011 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program). (continued)

in Pascagoula, MS and, based on this review (Phase I), determined the feasibility of constructing a seafood industrial park (Phase II).

FISH/FISHERIES; MARINAS; DEVELOPMENT

17-012 Mississippi. Gulfport Community Development Commission (Coastal Energy Impact Program).

Development Potential of Harbor Square South, Gulfport Mississippi. Multi-pp. 1979.

Recommends a 12 year commercial and recreational development plan based on market, site and financial analyses for the municipality. Discussed the environmental impacts of the plan.

RECREATION/TOURISM; WATER POLLUTION; PORTS/WATERFRONTS; ENVIRONMENTAL IMPACT; PLANNING/MANAGEMENT

17-013 Mississippi. Department of Wildlife Conservation.

Mississippi Coastal Management Plan and Final Environmental Impact Statement. Department of Wildlife Conservation and OCZM. Multi-pp. August 1980.

Describes the coastal program including discussion of goals and policies, management authority for coastal land use and water related activities. Discusses organization, operation implementation, federal consistency and public involvement.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; PERMISSIBLE USES; ISSUES/PROBLEMS; ENVIRONMENTAL IMPACT; LAND/WATER USE; FEDERAL CONSISTENCY; PUBLIC ACCESS

17-014 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Shoaling Study: Bernard Bayou Industrial District. 50 pp. Long Beach, MS. 1980.

Study addresses the siltation problem in the Biloxi Channel turning basin. The report documents and anlayzes the erosion problems, addresses the economic considerations of erosion and proposes courses of action.

EROSION/SEDIMENTATION

17-015 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Coastal Energy Impact Report, City of Biloxi, MS. Gulf South Engineers, Inc.; Dave Johnson & Company. Bureau of Marine Resources. Long Beach, MS. 128 pp. 1980.

The study attempts to determine the effects of increased energy activity in the Gulf of Mexico will have on Biloxi, MS. It addressed the effects of energy development on land use, housing, transportation, municipal services and environmental impacts.

ENERGY IMPACTS; SOCIOECONOMICS; FACILITY SITING

17-016 Mississippi. NOAA/NMFS, Bureau of Marine Resources.

Rehabilitation of Natural Oyster Reefs Destroyed or Damaged by a Natural Disaster. Deegan, F., Lewis, L. and T. Van Devender. 30 pp. Long Beach, MS. 1980.

An oyster reef rehabilitation was initiated by planting 87000 cubic yards of clamshells to ameliorate adverse impacts of heavy spring rains and floodwater diversion on oyster production. Clam shells provided new substrate upon which a new oyster crop could develop. Data are presented for changes in oyster mortality and bottom salinity subsequent to adverse impacts and prior to the planting effort. Positive spat sets were observed subsequent to plant ing.

FISH/FISHERIES; NATURAL HAZARDS; ECONOMICS

17-017 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Shoaling Study: Bernard Bayou Industrial District. Brown Engineer, Inc. Bureau of Marine Resources. Long Beach, MS. 50 pp. 1980.

A study which addresses the siltation problem in the Biloxi Channel turning basin. The report documents and analyzes the erosion problems, addresses the economic considerations of erosion and proposes alternative course of action.

EROSION/SEDIMENTATION

17-018 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program).

Master Plan for Pass Christian Harbor. Smith, M. 131 pp. Long Beach, MS. May 1981.

The study addresses expansion and improvement alternatives for the small craft harbor in Pass Christian, MS.

17-018 Mississippi. Bureau of Marine Resources (Coastal Energy Impact Program). (continued)

MARINAS

17-019 Mississippi. Bureau of Marine Resources.

Archeological Survey Report on Pascagoula Urban Waterfront and Moss Point Industrial Park. Greenwell, D. 65 pp. Long Beach, MS. July 1981.

This report discusses the existence of significant prehistoric or historic sites and structures within the special management areas of the Pascagoula Urban Waterfront and the proposed Moss Point Industrial Park. The location dimensions, conditions and significance of sites and structures are approximated.

CULTURAL/HISTORICAL RESOURCES

17-020 Mississippi. Bureau of Marine Resources.

The Blue Crab. Perry, H. and T. P. Collins. Brochure. Jackson, MS. 1981.

A brochure describing the biology, habits, common methods of catching and methods of cooking the blue crab.

EDUCATION

17-021 Mississippi. Bureau of Marine Resources.

Shrimping in Mississippi. Collins, T. P. 1 pp. Jackson, MS. 1981.

A brochure describing the biology, habits, methods of catching, and history of shrimping. Also discussed are laws, regulations, and current statistics involving shrimping.

EDUCATION

17-022 Mississippi. Bureau of Marine Resources.

A New Waterfront for Pascagoula. Torre, A. 124 pp. New Orleans, LA. 1981.

The study outlines an ambitious prospectus for recreational development which will be of direct benefits to Pascagoula and the entire state. Four waterfront components are discussed for an implementation sequence of ten years.

SPECIAL AREAS MANAGEMENT; WATERFRONT DEVELOPMENT

17-023 Mississippi. Bureau of Marine Resources.

Transportation of Oil and Gas in the Coastal Area of the State of Mississippi. 20 pp. Long Beach, MS. 1981.

Prepared for the Bureau of Land Management as part of the Oil and Gas Transportation Management Plan for the Gulf of Mexico Regional Planning Area. The purpose of this project was to identify acceptable land and water areas in each leasing region for the transport of OCS oil and gas. The report provides general advisory information, with emphasis on location of new pipelines.

OCS; TRANSPORTATION; OIL AND GAS

17-024 Mississippi. Bureau of Marine Resources.

Comments and Information Pertaining to the Multisale Regional EIS for the Gulf of Mexico OCS Planning Area. 84 pp. Long Beach, MS. 1981.

The report responds to the request by the BLM to provide comments and information pertaining to oil and gas development in the Gulf of Mexico OCS planning area.

PLANNING/MANAGEMENT; OCS

17-025 Mississippi. Bureau of Marine Resources.

Wetlands poster: "Wetlands....Vital to Mississippi". Collins, T. P. 1 pp. Long Beach, MS. 1981.

A poster explaining the importance of Mississippi's coastal wetlands.

EDUCATION

17-026 Mississippi. Bureau of Marine Resouces.

Mississippi Coastal Program. 245 pp. Long Beach, MS. Revised 1981.

This is the first printing of the document excluding the FEIS that describes the coastal program including discussion of goals and policies, management authority for coastal land use and water related activities. Discusses organization, operation, implementation, Federal consistency and public involvement.

PLANNING/MANAGEMENT; PERMISSIBLE USES; ISSUES/PROBLEMS; RULES & REGULATIONS; LAND/WATER USE; FEDERAL CONSISTENCY; PUBLIC ACCESS

17-027 Mississippi. OCZM, Dept. of Wildlife Conservation and Bureau of Marine Resources.

Mississippi Coastal Waters Mineral Lease Sale Area Number 1: Environmental Profile and Generic Guidelines for Activities Associated with Oil and Gas Drilling and Production Platforms. Ladner, C. M. and J. S. Franks. Multi-pp. Long Beach, MS. 1982.

This document addressess oil and gas development in the first designated lease sale area in Mississippi's coastal waters. It contains a protocol involving the use of evaluation documents and permit actions to move stepwise from the generic level of information to specific information including site specific locations and actions proposed on them. The document provides environmental profile information as well as general environmental and safety guidelines for planning for oil and gas development in coastal waters.

OIL AND GAS; ECONOMICS; PLANNING/MANAGEMENT

17-028 Mississippi. Bureau of Marine Resources.

Bureau of Marine Resources Newsletter. 2-4 pp. Long Beach, MS. 1982.

The Bureau of Marine Resources publishes a periodic newsletter that is mailed free to interested persons. Newsletter stories discuss past, current and future activites of the Bureau.

PUBLIC PARTICIPATION; EDUCATION

17-029 Mississippi. Bureau of Marine Resources.

A Guide to Mississippi's Saltwater Fishing Regulations. Deegen, F. 16 pp. Long Beach, MS. Revised 1982.

This guide contains a digest of regulations for sport and commercial fishing in all marine waters of the state.

FISH/FISHERIES; RECREATION/TOURISM; LAWS & LEGISLATION

17-030 Mississippi. Bureau of Marine Resources.

Mississippi Outdoors. Multi-pp. Jackson, MS. 1982.

Magazine published bi-monthly in the interest of conserving wildlife resources. Generally, one article per issue is written by a Bureau staff member and involves marine resources conservation.

PUBLIC PARTICIPATION; EDUCATION

17-031 Mississippi. Bureau of Marine Resources.

The Mississippi Coastal Program Guide. Collins, T. P. 32 pp. Jackson, MS. 1982.

This booklet provides an overview of the Mississippi Coastal Program and the coastal area. Its aim is to give local citizens a greater knowledge of their surrounding coastal resources, and to increase public awareness of the fragile balance between development and preservation of these resources.

EDUCATION; PUBLIC PARTICIPATION

18-001 New Hampshire. Office of State Planning. Coastal Program.

First Year Reports. Concord, NH. Multi-pp. 1974-1975. (CZIC)

All New Hampshire first year work products are appendices of this report. Because of their numbers and self-explanatory titles, they will only be listed giving their attachment number, title and where available, author and pagination.

Attachment A-1 Coastal Zone Definition. 20 pp.

Attachment A-2 Inventory of State and Federal Property in the Coastal Zone. Rockingham Regional Council.

Attachment B-1 Inventory of Land Uses. 5 pp.

Attachment B-2 Inventory of Historic Areas and Sites. 7 pp.

Attachment B-3 Public Access to Beaches and Shorelines. 8 pp.

Attachment B-4 Scenic Assessment. Draft. Southern N.H. Regional Planning Commission (Exeter, N.H.). 4 pp.

Attachment B-5 New Hampshire Coastal Zone Study. Various Coastal Ecosystems and Their Response to Intrusion by Man. 29 pp.

Attachment B-6 Water Uses Inventory. 26 pp.

Attachment B-7 Operational Definition of Direct and Significant Impact. Strafford Rockingham Regional Council. Multi-pp.

Attachment B-8 Coastal Zone Land Use Capability Analysis. 30 pp.

Attachment B-9 Water Uses. Capability and Limitations. 20 pp.

Attachment B-10 Permissible Uses-Priority of Uses in the Coastal Zone. Strafford Rockingham Regional Council. 36 pp.

Attachment B-11 Alternative Procedures and Indices for Determining Permissible Land and Water Uses. Strafford Rockingham Regional Council. 2 pp.

Attachment B-12 Performance Standards Based on Carrying Capacity Limitations for Land Uses, Public Water Supply Lands, Residential, Water Uses, Waste Disposal, Recreation. Strafford Rockingham Regional Council. 48 pp.

Attachment B-13 Current Data of Coastal Zone Planning Areas. Strafford Rockingham Regional Council. 30 pp.

18-001 New Hampshire. Office of State Planning. Coastal Program (continued).

Attachment B-14 Economic Base Data. Multi-pp.

Attachment B-15 Economic Impact of Certain Shoreline Uses on the New Hampshire Coastal Zone. Southeastern New Hampshire Regional Planning Commission. 39 pp. Appendices.

Attachment B-16 Socioeconomic Profile of Residents of the Coastal Zone Planning Area. Strafford Rockingham Regional Council. 2 pp.

Attachment B-17 Socioeconomic Profile of Users of Coastal Recreational Facilities. 10 pp.

Attachment B-18 Recreational Fishing and Boating. 16 pp.

Attachment B-19 Ocean-Borne Shipping. Multi-pp.

Attachment B-20 Offshore Sand and Gravel Mining. 7 pp.

Attachment B-21 Aquaculture. 3 pp.

Attachment B-22 Future Uses. Multi-pp.

Attachment B-23 Arbitrary Exclusions by Municipalities of Land and Water Uses of Regional Benefit. Strafford Rockingham Regional Council. 7 pp.

Attachment C-1 Inventory and Designation of Geographic Areas of Particular Concern. Strafford Rockingham Regional Council. 48 pp.

Attachment C-2 Use Constraints to be Applied to Areas of Particular Concern. Draft. Strafford Rockingham Regional Council. 27 pp.

Attachment D-1 An Assessment of the New Hampshire Political Climate Concerning Coastal Zone Management Issues. Moore, D. W. 43 pp.

Attachment E-1 Letter to Government Agencies Requesting Identification of Coastal Area Roles, Interests, and Responsibilities. 2 pp.

Attachment G-1 Zoning Summary. 3rd Edition. Southeastern New Hampshire Regional Planning Commission. (Exeter, N.H.). 31 pp.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; BOUNDARIES; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PERMISSIBLE USES; TRANSPORTATION; RECREATION/TOURISM; ISSUES/PROBLEMS; BEACHES/DUNES; PUBLIC ACCESS; CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES; COASTAL RESOURCES; SOCIOECONOMICS;

18-001 New Hampshire. Office of State Planning. Coastal Program (continued).

ECONOMICS; STATE-LOCAL COORDINATION

18-002 New Hampshire. Coastal Zone Management Program.

Inventory and Designation of Geographic Areas of Particular Concern. Strafford Rockingham Regional Council. Exeter, NH. 90 pp. September 1975.

Identifies specific geographic areas which are of particular concern and which deserve further management attention during the development of the plan.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL INVENTORIES; PLANNING/MANAGEMENT

18-003 New Hampshire. Coastal Zone Management Program.

Existing and Potential Conflicts Over Land and Water Uses in the New Hampshire Coastal Zone. Strafford Rockingham Regional Council. Exeter, NH. 14 pp. December 1975. (CZIC)

Contains a matrix illustrating major potential land and water use conflicts, a brief description of specific examples and an analysis of current conflicts.

LAND/WATER USE; CONFLICTING USES

18-004 New Hampshire. Office of State Planning. Coastal Program.

Second Year Reports. Concord, NH. Multi-pp. 1975-1976.

New Hampshire's second year work products are attachments to this report. Because of their number and self-explanatory titles, they are listed below giving only their attachment number, title and where applicable, their author and pagination. (CIZIC)

Draft Legislation

Attachment A-1 An Act Establishing a Coastal Resources Management Program. Draft Legislation and Program Summary. Multi-pp.

Boundaries

Attachment B-1 Defining More Precisely Primary Zone Boundaries. 6 pp.

Permissible Uses

Attachment C-1 OSP Staff Paper: Land Use Capabilities, Adverse Impacts

18-004 New Hampshire. Office of State Planning. Coastal Program. (continued)

and Use Constraints. Tables on Development of Performance Standards.

Attachment C-2 OSP Staff Paper: Water Use Capabilities, Adverse Impacts and Use Constraints. Tables on Development of Performance Standards.

Attachment C-3 Physical Data -- Marine and Estuarine Waters and Climate. Strafford Rockingham Regional Council. Multi-pp.

Attachment C-4 Comparison of Recommended Land and Water Use Standards with Municipal Ordinances and Regulations in Effect as of March 31, 1976. Strafford Rockingham Regional Council. Multi-pp.

Attachment C-5 Permits Required -- Federal, State, and Local -- For Land and Water Use in the Coastal Zone. Strafford Rockingham Regional Council. Multi-pp.

Attachment C-6 The Concept of "Carrying Capacity" as Applied to Potential Uses of the New Hampshire Coastal Zone. Strafford Rockingham Regional Council. 17 pp.

Attachment C-7 Existing and Potential Conflicts over Land and Water Uses in the New Hampshire Coastal Zone. Strafford Rockingham Regional Council. 10 pp.

Areas of Particular Concern

Attachment D-1 OSP Staff Paper: Use Constraints for Areas of Particular Concern. 27 pp.

Attachment D-2 Comparison of Recommended Standards for Use of Areas of Particular Concern with Municipal Ordinances in Effect as of March 31, 1976. Strafford Rockingham Regional Council. 34 pp.

Attachment D-3 Public Actions to Bring Areas of Particular Concern Under the Purview of a Management Plan. 14 pp.

Attachment D-4 Acquisition Plan -- Areas Designated for Preservation and Restoration. Strafford Rockingham Regional Council. Multi-pp.

Intergovernmental and Public Involvement

Attachment F-1 Resolution Relative to the New Hampshire Coastal Zone. 2 pp.

18-004 New Hampshire. Office of State Planning. Coastal Program (continued).

Attachment F-2 OSP Proposal: Public Information and Participation Proposal. 6 pp.

Attachment F-3 Regional Public Information and Participation Program Strafford Rockingham Regional Council. 5 pp. and List of Organizations Appropriate to Membership on a Council. Biographical Sketches of Individuals Representing Identified Organizations. Multi-pp.

Organizational Structure

Attachment G-1 OSP Staff Paper: Organizational Alternatives. Multi-pp.

Legal Authorities

Attachment H-1 Preliminary Legal Analysis: New Hampshire Coastal Zone Boundaries, Land and Water Use Capabilities and Constraints, Permissible Uses and Priority Uses, Areas of Particular Concern, CZM Organizational Alternatives. Multi-pp.

Attachment H-2 Summaries of State Statutory Authorities; Land Resources Management Devices, Water Resource Management Devices, Acquisition of Land and Water Interests, Acquisition of Property by State Agencies. Multi pp.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; LAWS & LEGISLATION; BOUNDARIES; LAND/WATER USE; PERMITS/PERMITTING; PUBLIC PARTICIPATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CONFLICTING USES; STATE-LOCAL COORDINATION; FEDERAL AGENCIES; GOALS/OBJECTIVES; CLIMATE/WEATHER; COASTAL RESOURCES; COASTAL INVENTORIES; PROGRAM DEVELOPMENT;

18-005 New Hampshire. Coastal Zone Management Program.

Permissible Land and Water Uses - revised or - An Allocation Procedure for Coastal Land Uses. Strafford Rockingham Regional Council. Exeter, NH. 38 pp. February 1976. (CZIC)

Investigates two procedures for allocating land uses in the coastal zone. Permissible land uses are identified by capability area and primary and secondary coastal sub-zones.

LAND/WATER USE; PERMISSIBLE USES; ISSUES/PROBLEMS

18-006 New Hampshire. Coastal Zone Management Program.

Coastal Zone Land Use Capability Analysis. Strafford Rockingham Council. Exeter, NH. 31 pp. September 1976. (CZIC)

Establishes a methodology for conducting an inventory and analysis of the various land-related natural and man-made coastal resources as a preliminary stage of defining permissible land and water uses within the coastal zone which have a direct and significant impact upon coastal waters. Intended to comply with 15 C.F.R. 923-12(a).

COASTAL INVENTORIES; PERMISSIBLE USES; COASTAL RESOURCES; COASTAL WATERS

18-007 New Hampshire. Coastal Zone Management Program.

Coastal Zone Water Use Capability Analysis. Strafford Rockingham Regional Council. Exeter, NH. 15 pp. September 1976. (CZIC)

Establishes an inventory and analysis methodology for natural and man-made marine and estuarine resources. Attempts to provide a rational basis for determining what uses will be permitted in which places so as to minimize conflicts between water uses and between water uses and the indigenous biota. Intended to comply with 15 C.F.R. 923-12(a).

ESTUARIES; COASTAL INVENTORIES; PERMISSIBLE USES; CONFLICTING USES; LAND/ WATER USE

18-008 New Hampshire. Coastal Zone Management Program.

Interagency Demonstration Program Grant. Public Information/ Participation Methods. Work Task 6. Strafford Rockingham Regional Council. Exeter, NH. Multi-pp. June 1977. (CZIC)

Identifies various methods of public information and participation, tests their effectiveness, and develops an implementation process for generating public awareness and involvement.

PUBLIC PARTICIPATION; INFORMATION SYSTEMS; EDUCATION; CONFERENCES/WORKSHOPS

18-009 New Hampshire. Coastal Zone Management Program.

Site Suitability Study for Onshore Oil and Gas Related Facilities for the New Hampshire Coastal Zone. Exeter, NH. Multi-pp. June 1977. (CZIC)

Examines energy facility siting requirements for oil and gas.

ENERGY FACILITY SITING; INDUSTRY/COMMERCE

18-010 New Hampshire. Office of Comprehensive Planning.

New Hampshire Coastal Resources Management Program: Draft. Summer 1978. Concord, NH. Multi-pp. June 1978. (CZIC)

Describes the draft program for the coastal zone of New Hampshire. Covers goals and policies for the management of coastal resources and activities, land and water uses to be managed, areas of particular concern, program authority and organization, operation and implementation, uses of greater than local concern, national interest, federal consistency, and program coordination and public involvement.

GOALS/OBJECTIVES; PLANNING/MANAGEMENT; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FEDERAL CONSISTENCY; PUBLIC PARTICIPATION

18-011 New Hampshire. Office of State Planning.

Municipal Coastal Inventory and Assessment Reports. Office of State Planning. Multi-pp. Concord, NH. 1979.

Inventory and Assessment of coastal resources and local regulations for 15 coastal municipalities.

COASTAL INVENTORIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; LAND/WATER USE; PLANNING/MANAGEMENT

18-012 New Hampshire. Office of State Planning.

New Hampshire Harbors Management Project. 156 pp. Concord, NH. 1980.

Description of New Hampshire harbors, inventory of property ownership and land use, discussion of harbor issue management recommendations.

PORTS/WATERFRONTS; NAVIGATION

18-013 New Hampshire. Office of State Planning.

New Hampshire Coastal Program Ocean and Harbor Segment and FEIS. Office of State Planning and OCZM. Multi-pp. Appendices. 1982.

Describes New Hampshire coastal program goals, policies, management authorities and organization, national interest, federal consistency, program coordination and public involvement.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; FEDERAL CONSISTENCY

18-014 New Hampshire. Office of State Planning Coastal Program.

Public Information Reports. Office of State Planning. Concord, NH. No Date.

Reports on file at the Office of State Planning:
Coastal Program Summary. 4 pp.
Resolution Relative to the New Hampshire Coast. 1 p.
Land and Water Capability Maps - A Visual Description of Your Town or City. 8 pp.
Areas of Particular Concern - What Are They? 10 pp.
How Will the Coastal Management System Work? 10 pp.
The Role of Coastal Municipalities in Managing the Coast. 10 pp.

PUBLIC PARTICIPATION

19-001 New Jersey. State Soil Conservation Committee.

Standards for Soil Erosion and Sediment Control in New Jersey. Multi-pp. September 1974. (CZIC)

Presents standards to help those responsible for construction to control soil movement through the use of these methods.

EROSION/SEDIMENTATION; ISSUES/PROBLEMS

19-002 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

A Coastal Area Information System for the New Jersey Department of Environmental Protection: A Feasibility Study. Dennis K. Jones, R. Rockwell, and W.K. Power, Jr. Trenton, NJ. 51 pp. Appendices. September 1975.

Describes a computer-operated coastal information system. Chapters discuss the information needs of various types of users, the system's methodology, its target capabilities, and its implementation. Appendices describe available information system tools, other information systems, and the New Jersey information systems' work program.

INFORMATION SYSTEMS

19-003 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

An Inventory of the New Jersey Coastal Area. 1975. David J. Bardin. Trenton, NJ. Multi-pp. September 1975. (CZIC)

Presents the results of a detailed inventory of coastal resources, problems, and opportunities along the New Jersey coastal zone. The text includes discussions for eleven coastal management issues in New Jersey, including coastal access, energy facility siting, housing and water resources. An extensive "reference profile" is appended and arranged alphabetically by topic. References include a citation, abstract, value for coastal zone management, and constraints for coastal zone management.

ISSUES/PROBLEMS; COASTAL INVENTORIES; COASTAL RESOURCES; FACILITY SITING; TRANSPORTATION; RECREATION/TOURISM; LAND/WATER USE; WATER RESOURCES; AIR RESOURCES; ENERGY FACILITY SITING; PUBLIC ACCESS; BIBLIOGRAPHY

19-004 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Cape May County Land Use Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 24 pp. October 1975. (CZIC)

19-004 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management. (continued)

Identifies and discusses land use issues in this New Jersey coastal county. Issues identified concern land use patterns, seasonal population, and elderly population.

ISSUES/PROBLEMS; SOCIOECONOMICS; LAND/WATER USE; POPULATION; DEVELOPMENT

19-005 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Coastal Zone Housing Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning. (Trenton, New Jersey). Trenton, NJ. 46 pp. October 1975. (CZIC)

Identifies and discusses important housing issues in New Jersey. For each of the six issues identified, there is a discussion and analysis, a consideration of its implications, and recommendations for future research. The six issues concern housing market complexities and consequences; restricted housing variety/choice; senior citizen housing; regional housing responsibilities; housing needs; and housing costs.

SOCIOECONOMICS; ISSUES/PROBLEMS

19-006 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Monmouth County Land Use Issues. New Jersey Department of Community Affairs. Trenton, NJ. 29 pp. October 1975. (CZIC)

Identifies and discusses land use issues in this county. Issues identified concern population (growth patterns, age distribution, and seasonal population); shopping centers; and urban centers.

ISSUES/PROBLEMS; LAND/WATER USE; URBAN AREAS; POPULATION; DEVELOPMENT

19-007 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Atlantic County Land Use Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 28 pp. December 1975. (CZIC)

Identifies and discusses land use issues in this New Jersey coastal county. Issues identified concern economic and residential growth (population growth; residential land uses; economic development; and industrial, commercial, and agricultural land uses); and social and economic problems in Atlantic City.

19-007 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management. (continued)

ISSUES/PROBLEMS; SOCIOECONOMICS; LAND/WATER USE; ECONOMICS; DEVELOPMENT; AGRICULTURE; POPULATION

19-008 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Cumberland Land Use Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 20 pp. December 1975. (CZIC)

Identifies and discusses land use issues in this New Jersey coastal county. Issues identified concern industrial development, residential growth, population growth, agriculture and sand and gravel mining.

ISSUES/PROBLEMS; INDUSTRY/COMMERCE; LAND/WATER USE; DEVELOPMENT; AGRICULTURE; MARINE MINING; POPULATION

19-009 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Economic Inventory: Economic Characteristics of the Population and Economic Structure. New Jersey Department of Labor and Industry. Division of Planning Research. Economic Development Research. Trenton, NJ. Multi-pp. December 1975. (CZIC)

Presents the characteristics of the existing economies in seven New Jersey coastal counties with special attention to their dependence on the natural renewable and non-renewable resources. The implications of these characteristics for economic problems and issues are considered. A framework for the economic analysis of existing problems and issues in the coastal zone, the objectives of which the New Jersey Coastal Zone Management Plan will address is also presented.

ECONOMICS; ISSUES/PROBLEMS; COASTAL RESOURCES; AGRICULTURE; INDUSTRY/COMMERCE; RECREATION/TOURISM; POPULATION; TRANSPORTATION

19-010 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Ocean County Land Use Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 28 pp. December 1975. (CZIC)

Identifies and discusses land use issues in this coastal county of New Jersey. Issues identified concern rapid growth and land use patterns, population, and retirement communities.

19-010 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management. (continued)

ISSUES/PROBLEMS; LAND/WATER USE; DEVELOPMENT; POPULATION; ECONOMICS

19-011 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Salem County Land Use Issues. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 24 pp. December 1975. (CZIC)

Identifies and discusses land use issues in this New Jersey coastal county. Issues identified concern population and economy; and land use patterns.

ISSUES/PROBLEMS; ECONOMICS; LAND/WATER USE; DEVELOPMENT; POPULATION

19-012 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Stimulants and Constraints to Growth Development. New Jersey Department of Community Affairs. Division of State and Regional Planning (Trenton, New Jersey). Trenton, NJ. 16 pp. December 1975. (CZIC)

Examines the characteristics of existing stimulants and constraints to growth and development in New Jersey and predicts the consequences of future stimulants and constraints. Factors considered include physical, regulatory, institutional and man-made (public services and infrastructure).

GROWTH; DEVELOPMENT

19-013 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Guiding the Coastal Area of New Jersey: The Basis and Background for Interior Land Use and Density Guidelines. Rivkin Associates, Inc. (Washington, D.C.). Trenton, NJ. 137 pp. Maps. May 1976. (CZIC)

Presents an analysis and recommendations for interior land use and density guidelines in the New Jersey coastal area. Six sections discuss the legislative/administrative background in the state; the natural and man-made coastal environment as it is today; population growth trends; short-term pressure and issues to be encompassed in the policy framework (housing, employment, facility development, infrastructure); the basis and rationale for the guidelines; and any materials prepared for this guideline study.

LAND/WATER USE; DEVELOPMENT; FACILITY SITING; POPULATION; SOCIOECONOMICS; ECONOMICS; ENERGY; GROWTH; PLANNING/MANAGEMENT; COASTAL RESOURCES; CRITICAL AREAS; AGRICULTURE; RECREATION/TOURISM; INDUSTRY/ COMMERCE; POLLUTION

19-014 New Jersey. Department of Environmental Protection. Office of Coastal Zone Management.

Interim Land Use and Density Guidelines for the Coastal Area of New Jersey. Trenton, NJ. 27 pp. Maps. May 1976. (CZIC)

Provides guidelines to assist decision making on particular projects seeking permit approval under New Jersey's Coastal Area Facilities Review Act. The report reviews the permitting and regulatory programs in the state; classifies land and water features suitable for preservation, conservation and development; identifies policies and recommendations for specific facility types; and reviews information relating to energy facilities.

PERMITS/PERMITTING; FACILITY SITING; MARINAS; ENERGY FACILITY SITING; LAND/WATER USE; DEVELOPMENT; WETLANDS; COASTAL RESOURCES; GROWTH

19-015 New Jersey. Department of Environmental Protection.

Program Plan for Statewide Tidelands Delineation. 33 pp. Appendices. August 1976. (CZIC)

Discusses the Tidelands Delineation Program (TDP), including base maps, claims overlays which catalog present and past tidelands below mean high tide, and overlays on past riparian conveyances for the Natural Resource Council.

MAPS/MAPPING; WETLANDS; SUBMERGED LANDS

19-016 New Jersey. Department of Environmental Protection.

Oil Spills: Reaction and Responsibility in New Jersey. Coastal Notes No. R-3 (NJ/RU-02-SG-400-9-76). Susan Bonsall. Center for Coastal Land Environmental Studies, Rutgers University, New Brunswick, NJ. 7 pp. September 1976.

Describes the Federal and New Jersey State program for oil spills. Also explains how to report an oil spill to these agencies.

POLLUTION; FEDERAL AGENCIES; STATE-LOCAL COORDINATION; PETROLEUM INDUSTRY; WATER QUALITY

19-017 New Jersey. Department of Environmental Protection.

Coastal Zone Legislation. Coastal Notes No. R-1 Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. 17 pp. Maps. September 1976. (CZIC)

A summary of coastal zone laws. Four key laws governing New Jersey's tideland and upland activities are discussed. These are the Riparian

19-017 New Jersey. Department of Environmental Protection. (continued)

statutes, the Wetlands Act of 1970, the Coastal Area Facility Review Act of 1973, and the Federal Coastal Zone Management Act of 1972.

LAWS AND LEGISLATION; WETLANDS; LAND/WATER USE; FEDERAL CONSISTENCY

19-018 New Jersey. Department of Environmental Protection.

Upland Living Resources: Endangered and Rare Vegetation. Richard A. Kantor and Martin K. Pillsbury. Trenton, NJ. 45 pp. October 1976. (CZIC)

Presents environmental characteristics, natural functions, and human/natural impacts upon vascular plants in each coastal county fronting a bay, inlet, or stream with tidal influence.

VEGETATION; COASTAL RESOURCES

19-019 New Jersey. Department of Environmental Protection.

Upland Wildlife Habitats: Upland Living Resources. Peter Plage. Trenton, NJ. 74 pp. November 1976. (CZIC)

Presents discussion on mammals, birds, reptiles, amphibians, and fish found in the upland sections of the state coastal zone. Also discusses problems related to man's destruction of wildlife habitat and use of the wildlife resource.

COASTAL INVENTORIES; WILDLIFE; FISH/FISHERIES; COASTAL RESOURCES; DEVELOPMENT

19-020 New Jersey. Department of Environmental Protection.

Alternatives for the Coast. Trenton, NJ. 87 pp. 1976.

Sketches the background of coastal zone management in New Jersey and raises the question of the proper scope of activities that should be included with the CZM program. Sections of the report outline the implications of alternative strategies for the program; present 12 fundamental principles that helped shape the alternatives; offer policy alternatives on selected coastal resources and selected land and water uses in the coastal zone; highlights alternatives for the appropriate geographic extent of the state CZM program; and points to alternative ways of making public decisions on coastal resource management.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; GOALS/OBJECTIVES; PLANNING/MANAGEMENT; LAND USE; WATER USE; PERMISSIBLE USES

19-021 New Jersey. Rutgers University. Center for Urban Policy Research.

The Cost of Environmental Protection: Regulating Housing Development in the Coastal Zone. Dan K. Richardson of the Center for Urban Policy Research at Rutgers University. New Brunswick, NJ. 219 pp. 1976.

Analyzes present regulatory procedures in the coastal zone with emphasis on the cost of governmental land use regulation procedures to residential developers and housing consumers. Chapters describe the study's methodology, the standard development process in the coastal zone, the CZM impact on local land conversion procedures, the cost of local and state regulation, and conclusions and policy recommendations.

LAND/WATER USE; DEVELOPMENT; PLANNING/MANAGEMENT; GROWTH; ISSUES/PROBLEMS

19-022 New Jersey. Department of Environmental Protection.

The House in the Marsh: An Illustrative Example of the Use of the Proposed New Jersey Coastal Zone Planning Method. Stewart McKenzie. Multi-pp. 1976. (CZIC)

Illustrates in general terms and in principle how the various steps of the proposed coastal zone planning method can be used to inform the decision as to whether housing development should take place in a salt marsh.

PLANNING/MANAGEMENT; DEVELOPMENT; WETLANDS

19-023 New Jersey. Department of Environmental Protection.

State Government and Coastal Zone Management. Coastal Notes No. R-2. Center for Coastal and Environmental Studies, Rutgers University. New Brunswick, NJ. 16 pp. January 1977. (CZIC)

Lists all state government departments, divisions, and bureaus involved in state coastal management. Brief descriptions are presented for each division.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION

19-024 New Jersey. Department of Environmental Protection.

Summary of Public Meetings on Alternatives for the Coast (November 20 - December 21, 1976). Trenton, NJ. 57 pp. January 1977. (CZIC)

Reviews state water resources in lakes, rivers, estuaries, and coastal waters and the uses of those resources. Major water quality problems and policy alternatives are presented.

WATER RESOURCES; ESTUARIES; COASTAL WATERS; WATER QUALITY; LAND/WATER USE; PLANNING/MANAGEMENT

19-025 New Jersey. Department of Environmental Protection.

The "Call for Information" on Coastal Energy Facility Siting: An Analysis of Responses. Trenton, NJ. 58 pp. Appendices. March 1977. (CZIC)

A collection of information on coastal energy facility siting with contributions from the energy industry, governmental agencies, and interested citizens and organizations.

ENERGY FACILITY SITING; INDUSTRY/COMMERCE; FEDERAL AGENCIES; PUBLIC PARTICIPATION

19-026 New Jersey. Department of Environmental Protection.

Rules and Regulations Under Coastal Area Facility Review Act. Docket No. DEP 005-76-13. Trenton, NJ. 45 pp. April 1977. (CZIC)

Formal adoption papers for rules and regulations to implement the Coastal Area Facility Review Act (CAFRA). The permit application impact statement, permit, exemption, and appeal processes are described.

FACILITY SITING; PERMITS/PERMITTING; PERMISSIBLE USES

19-027 New Jersey. Department of Environmental Protection.

New Jersey's Fishing Industry. Coastal Notes No. R-4 (NJ/RU-02-SG-400-5-77). Susan Bonsall. Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. 9 pp. May 1977.

Describes New Jersey's fishery resources and the people who utilize them. Problems within the commercial and recreational fishing industries are discussed in conjunction with federal and state government programs.

FISH/FISHERIES; SOCIOECONOMICS; RECREATION/TOURISM; FEDERAL AGENCIES; INDUSTRY/COMMERCE

19-028 New Jersey. Department of Environmental Protection.

Offshore Oil and Coastal Energy Facilities Study: Interim Report. Middlesex County Planning Board. New Brunswick, NJ. 83 pp. Appendices. August 1977. (CZIC)

Provides municipalities, county, and public with information to be used in the decision-making process on the development of offshore oil and other coastal energy facilities in the county.

ENERGY FACILITY SITING; STATE-LOCAL COORDINATION; PETROLEUM INDUSTRY

19-029 New Jersey. Department of Environmental Protection.

Coastal Management Strategy for New Jersey. CAFRA Area. Trenton, NJ. 223 pp. September 1977. (CZIC)

Defines a process for making public decisions on the future of the coast, by defining the coastal area defined by the Coastal Area Facility Review Act (CAFRA), and proposing a "coastal zone" under the Federal Coastal Zone Management Act.

PLANNING/MANAGEMENT; ISSUES/PROBLEMS

19-030 New Jersey. Department of Environmental Protection.

Onshore Support Bases for Oil and Gas Development: Implications for New Jersey. Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. 234 pp. September 1977.

Analyzes the likely onshore impacts of offshore drilling.

ENERGY; ENERGY FACILITY SITING; PETROLEUM INDUSTRY

19-031 New Jersey. Department of Environmental Protection.

Coastal Geomorphology of New Jersey. No. NJ/RU-OCZM-TR No. 1(1)-400-12-77. Karl F. Nordstrom. Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. Multi-pp. December 1977.

Outlines coastal erosion problems and recommends various management strategies to prevent further deterioration of the state's beaches. This report suggests structural as well as non-structural measures to minimize coastal erosion hazards and make full use of beaches and dune areas for shore protection.

BEACHES/DUNES; EROSION/SEDIMENTATION; GEOLOGY

19-032 New Jersey. Department of Environmental Protection.

Energy Facility Siting Issues in New Jersey's Coastal Zone. Helga Busemann. Department of Environmental Protection. New Brunswick, NJ. 96 pp. December 1977.

A comprehensive study of the impacts of energy development in the state. Offers detailed discussion of the issues the state may face from OCS development as well as from nuclear power plants and liquefied natural gas (LNG) facilities.

ENERGY FACILITY SITING; OCS; STATE-LOCAL COORDINATION; WATER RESOURCES; WATER DEVELOPMENT PROJECTS

19-033 New Jersey. Department of Environmental Protection.

Hudson County Offshore Oil and Coastal Energy Facilities Study. Hudson County Office of Planning. Jersey City, NJ. 109 pp. Appendix. December 1977. (CZIC)

Analyzes the possible location of energy facilities and onshore support facilities within the county. Reviews existing local county, and state coastal publications and policies and their integration into the county's final recommendation for energy facilities and sites.

ENERGY FACILITY SITING; OCS; STATE-LOCAL COORDINATION; PETROLEUM INDUSTRY; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT

19-034 New Jersey. Department of Environmental Protection.

Outer Continental Shelf Oil and Gas Development: Potential Impacts. Union County, New Jersey. Union County Planning Department. Union County, NJ. 82 pp. December 1977. (CZIC)

Report by Union County on the local impacts of facilities related to offshore oil and gas. Includes an inventory of resources, transportation networks, existing energy facilities in the coastal zone, environmentally sensitive plants, and possible future siting activities.

REGIONAL IMPACT; OCS; PETROLEUM INDUSTRY; COASTAL INVENTORIES; TRANSPORTATION; ENERGY FACILITY SITING

19-035 New Jersey. Shore Regional High School.

Armada. West Long Branch, NJ. Multi-pp. 1977. (CZIC)

A Magazine published twice each school year by a high school group studying coastal history, ecology, environmental awareness, and other activities.

EDUCATION; CULTURAL/HISTORICAL RESOURCES; PUBLIC PARTICIPATION

19-036 New Jersey. Department of Environmental Protection.

Beaches, Boating and Offshore Oil. Monmouth County, NJ. 100 pp. January 1978. (CZIC)

Examines potential impacts from offshore oil exploration on coastal beaches and recreational boating.

OCS; PETROLEUM INDUSTRY; BEACHES/DUNES; RECREATION/TOURISM; BOATING

19-037 New Jersey. Department of Environmental Protection.

Analysis and Delineation of the Submerged Vegetation of Coastal New Jersey: A Case Study. Ralph E. Good, et. al. Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ. 58 pp. January 1978.

Explains a unique method of aerial underwater penetration photography which permits delineation of the distribution of submerged vegetation.

VEGETATION; SUBMERGED LANDS; MARINE BIOLOGY

19-038 New Jersey. Department of Environmental Protection.

Cumberland County Onshore Development Alternatives: An Impact Analysis of Offshore Oil and Gas Drilling. Cumberland County, NJ. 134 pp. Appendices. Maps. January 1978. (CZIC)

Reviews oil company criteria for OCS facilities, analyzes the physical and economic potential for development, and identifies acceptable and unacceptable OCS and energy facility sites.

OCS; PETROLEUM INDUSTRY; DEVELOPMENT; INDUSTRY/COMMERCE; ENERGY FACILITY SITING; ECONOMICS

19-039 New Jersey. Department of Environmental Protection.

Gloucester County Outer Continental Shelf and Energy Facilities Planning Study. Gloucester County, NJ. 87 pp. January 1978. (CZIC)

Provides counties with an opportunity to evaluate land uses as they might or might not be suitable for OCS and other energy facilities, to assist the state in developing siting guidelines, and to aid the state in developing the energy element as mandated by the state and federal acts.

LAND/WATER USE; OCS; ENERGY FACILITY SITING; STATE-LOCAL COORDINATION; DEVELOPMENT

19-040 New Jersey. Department of Environmental Protection.

Offshore Oil and Atlantic County. Atlantic County, NJ. 121 pp. Appendices. Maps. January 1978. (CZIC)

Summaries of Atlantic County's zoning, land use, population, economy, transportation and energy facilities, and regional setting. Inventory of the oil industries' offshore activities and procession in New Jersey. Comparison and analysis of these two inventories, and analysis of the county role in energy facility siting.

ZONING; LAND/WATER USE; POPULATION; ECONOMICS; TRANSPORTATION; ENERGY;

19-040 New Jersey. Department of Environmental Protection. (continued)

COASTAL INVENTORIES; INDUSTRY/COMMERCE; PETROLEUM INDUSTRY; STATE-LOCAL COORDINATION

19-041 New Jersey. Department of Environmental Protection.

Outer Continental Shelf and Energy Facility Planning Program: Burlington County, New Jersey. Final Report. Burlington, NJ. 58 pp. Appendices. January 1978.

Burlington County study of the onshore impact of outer continental shelf oil and gas exploration through literature studies, inventories of present energy facilities, analysis of inventory, production and siting potential and needs, coordination and information exchange with the state, other counties, and Burlington County municipalities and the general public, and energy facility siting.

OCS; PETROLEUM INDUSTRY; COASTAL INVENTORIES; ENERGY FACILITY SITING; DEVELOPMENT; STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT

19-042 New Jersey. Department of Environmental Protection.

Policies for Handling Impacts of Offshore Oil and Energy Facilities in Middlesex County. Middlesex County Planning Board. New Brunswick, NJ. 99 pp. Appendices. January 1978. (CZIC)

Presents policies for handling the impacts from offshore oil and coastal energy facilities that could locate in the county. Generally, the policies state that facilities may be sited in areas already industrialized if the facilities do not exceed health and safety standards nor create excessive public costs.

ENERGY FACILITY SITING; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT

19-043 New Jersey. Department of Environmental Protection.

Subregional Outer Continental Shelf and Energy Facility Planning Study, Cape May County. Cape May County Planning Board. Cape May, NJ. Multi-pp. January 1978. (CZIC)

Reviews acceptable and unacceptable OCS and energy facility sites and areas, delineates criteria used in establishing the acceptability of the site and uses, and discusses the county's role in addressing state and national interest.

OCS; ENERGY FACILITY SITING; PERMISSIBLE USES; PETROLEUM INDUSTRY; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

19-044 New Jersey. Department of Environmental Protection.

Electrical and Gas Facilities in Middlesex County. Middlesex County, NJ. 50 pp. Tables. February 1978. (CZIC)

Presents the current patterns of gas supply and electrical production in New Jersey and the manner in which future energy demands in the region may raise the potential for additional facilities to locate in Middlesex County.

ENERGY; ENERGY FACILITY SITING

19-045 New Jersey. Department of Environmental Protection.

OCS and Energy facility Planning Project: Camden County. Gerald A. Lennon. Camden County, NJ. 71 pp. Appendices. February 1978. (CZIC)

Summarizes existing land use, zoning, and future land use for present resources and Delaware River waterfront areas. Identifies potential pipeline corridors, energy facility siting alternatives, and the county role in energy siting.

LAND/WATER USE; ZONING; COASTAL RESOURCES; ENERGY FACILITY SITING; OCS; PLANNING/MANAGEMENT

19-046 New Jersey. Department of Environmental Protection.

Outer Continental Shelf and Energy Facility Planning Study in Ocean County, NJ. Ocean County, NJ. 108 pp. April 1978.

Provides an overview of Ocean County; an inventory of natural resources, human resources, and land uses; and evaluation of the suitability or unsuitability of OCS and related energy facility sites and activities; and a description of criteria used.

COASTAL INVENTORIES; LAND/WATER USE; OCS; ENERGY FACILITY SITING; PLANNING/MANAGEMENT

19-047 New Jersey. Department of Environmental Protection.

A Method for Coastal Resource Management: A Pilot Study of Cape May County. Cape May County, NJ. 201 pp. Appendices. July 1978.

Presents a methodology for formulating balanced land and water use policies for New Jersey's coastal areas that will accommodate development in locations desired by developers without unacceptable loss of valued resources. The planning method described is applicable to the entire coast, and perhaps to other areas as well.

LAND/WATER USE; PROGRAM DEVELOPMENT; NATIONAL INTEREST; COASTAL RESOURCES

19-048 New Jersey. Department of Environmental Protection.

New Jersey. New Jersey Coastal Management Program - Bay and Ocean Shore Segment and Final Environmental Impact Statement. Trenton, NJ. 466 pp. August 1978.

Final coastal plan EIS on the bay and ocean shore segments of the coastal zone.

BOUNDARIES; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT

19-049 New Jersey. Department of Environmental Protection.

The Changing Shoreline: Managing the Coastal Region. Monmouth County Planning Board. Freehold, NJ. 61 pp. Appendices. October 1978.

State - Cape May Coastal Management Coordination Project. Cape May County Planning Board. Multi-pp. December 1978.

Coastal Zone Planning Anlysis: Camden County, NJ. William G. Hengst. Camden County Environmental Agency. 105 pp. December 1978.

Gloucester County State/County Coastal Coordination Project Final Report. Gloucester County Planning Department. 65 pp. Appendices.

A series of reports that Include recommendations to modify the boundary, consolidate the CAFRA wetlands and waterfront development permit review processes, and authorize county government to administer coastal permits. The county reports also identify areas where municipalities should focus efforts to improve land use regulations, including provisions to protect critical environmental areas and regulate high rise development.

BOUNDARIES; PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; LAND/WATER USE; WATER DEVELOPMENT PROJECTS

19-050 New Jersey. Department of Environmental Protection.

Options for New Jersey's Developed Coast: Appendix h. Trenton, NJ. 308 pp. March 1979. (CZIC)

A preview of a state coastal management program for the northern shore coast and Delaware River counties of Salem, Gloucester, Camden, Burlington, Mercer, Middlesex, Somerset, Union, Hudson, Essex, and Bergen.

PROGRAM DEVELOPMENT; STATE-LOCAL COORDINATION; URBAN AREAS

19-051 New Jersey. Department of Environmental Protection.

The New Jersey Riparian Rights Handbook. Lewis P. Goldshore. New Jersey County and Municipal Government Study Commission. Trenton, NJ. 42 pp. Appendices. March 1979.

Explains the current status of the riparian land system and the issues that arise in making decisions on land flowed by the tide.

LAND/WATER USE; WETLANDS; COASTAL WATERS; BEACHES/DUNES

19-052 New Jersey. Department of Environmental Protection.

The Estuarine Study. Wapora, Inc. 384 pp. Appendices. September 1979.

Analyzes the "sensitivity" of the coastal environment in detail, describing the impacts on coastal land and water features caused by different thresholds of acceptable impact. Also, provides policy guidelines on uses of estuarine resources to guide state coastal decision making.
Volume 1. Impact and Management Report
Volume 2. Use Appendix
Volume 3. Environmental Impact Matrices
Volume 4. Documentation

CONFLICTING USES; ESTUARIES

19-053 New Jersey. Department of Environmental Protection.

State and County Coastal Coordination Project Final Report. Salem County Planning Staff. Salem County, NJ. 134 pp. No Date.

Include recommendations to modify the boundary, consolidate the CAFRA wetland and waterfront development permit review processes, and authorize county governments to administer coastal permits. The county reports also identify areas where municipalities should focus efforts to improve land use regulations, including provisions to protect critical environmental areas and regulate high rise development.

BOUNDARIES; PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; LAND/WATER USE; WATER DEVELOPMENT PROJECTS

19-054 New Jersey. Department of Environmental Protection.

Coastal Dunes: Their Function, Delineation, and Management. Gares, P. A., Nordstrom, K. F. and N. P. Psuty. 112 pp. December 1979.

Presents a coastal dune management model which includes the creation of a Dune Management District and the identification of best management/use

19-054 New Jersey. Department of Environmental Protection. (continued)

practices. Provides a review of natural dune processes, threats and uses, development policies and a model management ordinance.

BEACHES/DUNES; PLANNING/MANAGEMENT; LAND/WATER USE; RESOURCE PROTECTION

19-055 New Jersey. Department of Environmental Protection.

Hudson River Waterfront Study: Planning and Development Commission. 206 pp. September 1980.

Presents policy recommendations for preparation of a site specific master plan for the Hudson River waterfront to develop and manage the economic, recreational and natural resources there.

PORTS/WATERFRONTS; RECREATION/TOURISM; PUBLIC ACCESS; PLANNING/MANAGEMENT

19-056 New Jersey. Department of Environmental Protection.

New Jersey Coastal Management Program and Final Environmental Impact Statement. Dept. of Environmental Protection and OCZM. 533 pp. August 1980.

Presents the management program for the coastal zone for land and water use activities. Provides policy guidance for management issues and describes the regulatory authority for implementing the program. Also provided are planning requirements for public access, energy facilities and an environmental impact statement.

PROGRAM DESCRIPTION; ENVIRONMENTAL IMPACT; ISSUES/PROBLEMS; LAND/WATER USE; FEDERAL CONSISTENCY; FACILITY SITING; PUBLIC ACCESS; LAWS & LEGISLATION

19-057 New Jersey. Department of Environmental Protection.

Coastal Resource And Development Policies. 194 pp. June 1981.

Report defines substantive coastal policies that guide decisions on development and management of coastal resources. Policies outlined are the criteria for permit decisions and management actions.

GOALS/OBJECTIVES; PLANNING/MANAGEMENT; PERMITS/PERMITTING; DEVELOPMENT

19-058 New Jersey. Department of Environmental Protection.

New Jersey Shore Protection Master Plan. Volumes 1-3. Multi-pp. October 1981.

Presents state policy and objectives for a plan and steps to guide decision-making on shore protection and development issues. Included in the plan are

19-058 New Jersey. Department of Environmental Protection. (continued)

measures to raise public awareness of barrier island fragility and the risks of coastal development.

RESOURCE PROTECTION; BARRIER ISLANDS; PUBLIC AWARENESS; GOALS/OBJECTIVES

20-001 New York. Nassau - Suffolk Regional Planning Board. United States Coast Guard.

Oil Spill Prevention, Containment and Clean-up Technology. Proceedings of Seminar on August 27, 1973 at Hauppauge, New York. Long Island, NY. 131 pp. August 1973. (CZIC)

These proceedings cover: problem overview, fate and effects of oil in the marine environment, oil discharge prevention regulations, spill prevention control and countermeasure plans, removal of oil spills, the use of chemicals in the abatement of oil spills, United States Coast Guard oil pollution prevention projects, United States Navy oil spill control program for harbor waters, the role of industry in oil spill prevention and clean-up, United States Navy oil spill control program for the high seas, and removal of oil spills: equipment and procedures available at present.

COASTAL WATERS; ISSUES/PROBLEMS; CONFERENCES/WORKSHOPS; ENGINEERING; OCS; PETROLEUM INDUSTRY; OIL POLLUTION/EFFECTS

20-002 New York. Nassau-Suffolk Regional Planning Board.

The Prediction of Oil Spill Movements in the Ocean South of Nassau and Suffolk Counties. Marine Sciences Research Center. Hauppauge, NY. 141 pp. January 1974. (CZIC)

This report represents a detailed field investigation of sea surfaces circulation in the New York Bight over a nine month period and provides useful information on the threat to Long Island from oil spilled in the New York Bight including the Outer Continental Shelf.

ISSUES/PROBLEMS; REGIONAL IMPACT; OCS; OIL POLLUTION/EFFECTS

20-003 New York. Nassau-Suffolk Planning Board.

Probabilistic Trajectory Assessments for Offshore Oil Spills Impacting Long Island. Stewart, R. J. and J. W. Devanney. Long Island, NY. 34 pp. November 1974. (CZIC)

Projects the probable movement of an oil spill from specific and likely OCS locations off the southern New England Coast. The probability of beaching is discussed in maps and text.

OIL POLLUTION/EFFECTS; PETROLEUM INDUSTRY; OCS; BEACHES/DUNES

20-004 New York. Nassau-Suffolk Regional Planning Board.

The Likelihood of Spills Reaching Long Island from Hypothetical Offshore Finds Over the Development's Life. Devanney, S. W. and R. J. Stewart. Long Island, NY. 22 pp. February 1975. (CZIC)

20-004 New York. Nassau-Suffolk Regional Planning Board. (continued)

This study examines the probability of oil spills reaching Long Island from various hypothetical points.

OCS; OIL POLLUTION/EFFECTS

20-005 New York. State College of Agriculture and Life Sciences. Cornell University. Department of Agricultural Economics.

Atlantic Outer Continental Shelf Energy Resources: Economic Implications for Long Island. Kalter, R. J. and W. E. Tyner. A.E. Res. 75-1. Ithaca, NY. 72 pp. April 1975.

Evaluates some of the potential economic impacts on Nassau and Suffolk Counties of Long Island which could result from Atlantic Outer Continental Shelf leasing. Sections of the report discuss the OCS potential reserves, production costs, a hypothetical leasing program, the OCS development process, techniques for regional analysis, direct impacts, indirect impacts, and net fiscal burden.

ECONOMICS; SOCIOECONOMICS; PETROLEUM INDUSTRY; REGIONAL IMPACT; OCS; DEVELOPMENT

20-006 New York. Nassau-Suffolk Regional Planning Board.

The likelihood of Spills Reaching Long Island from Hypothetical Offshore Finds over the Development's Life. Devanney, J. W. and R. J. Stewart. Hauppauge, Long Island, NY. 2 pp. Revised June 1975.

Updates an earlier report and describes the probability of individual oil spills landing along the Long Island shoreline.

OIL POLLUTION/EFFECTS; PETROLEUM INDUSTRY; OCS; BEACHES/DUNES

20-007 New York. Sea Grant Institution.

Joint OCZM-OSG Cooperative Public Participation Project with the Pennsylvania Coastal Zone Management Program. Task Force Report. Warren, B., et. al. Albany, NY. 30 pp. August 1975.

Reviews the coastal zone management public participation activities carried out in Pennsylvania by the state and regional contractors. Recommendations are made concerning the program and possible follow-up activities.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT

20-008 New York. Department of State. Division of State Planning. Coastal Zone Management Program.

Coastal Zone Boundaries. Technical Guidelines No. 1. Albany, NY. 13 pp. September 1975. (CZIC)

Provides direction to regional and local contractors, interest groups and the public on the state CZM program's management boundaries. The report contains program requirements, definitions, methods of delineation, coordination, public participation and implementation guidelines for the coastal boundary element in the program development phase of the state CZM program.

BOUNDARIES

20-009 New York. Department of State. Division of State Planning. Coastal Zone Management Program.

Public Participation and Public Information. Technical Guidelines No. 1. Albany, NY. 16 pp. October 1975. (CZIC)

Contains program requirements, definitions, methods and implementation guidelines for the public participation and information element of the Program Development Phase of New York's Coastal Zone Management Program. Purpose is to provide direction concerning public participation and information to all those parties interested in the State's coastal zone management program.

PUBLIC PARTICIPATION; INFORMATION SYSTEMS

20-010 New York. Coastal Zone Management Program.

Public Participation and Public Information. Technical Guidelines No. 2. Albany, NY. 18 pp. October 1975. (CZIC)

Describes program purpose and requirements plus the methods of participation (assistance, public information, etc.). Implementation of public participation is also discussed.

PROGRAM DESCRIPTION; GOALS/OBJECTIVES; INFORMATION SYSTEMS; PUBLIC PARTICIPATION

20-011 New York. Nassau-Suffolk Regional Planning Board.

The Oil Industry, the Department of the Interior and Public Policy for Energy. Engler, R. Hauppauge, Long Island, NY. 49 pp. 1975.

Presents an analysis of the oil industry and examines the role of the Department of Interior towards oil development. The paper's intent appears to be a profile of the oil industry and the Department of Interior as it relates to oil and gas issues.

20-011 New York. Nassau-Suffolk Regional Planning Board. (continued)

PETROLEUM INDUSTRY; FEDERAL AGENCIES; ENERGY

20-012 New York, State University of. Marine Sciences Research Center.

The Prediction of Oil Spill Movement in the Ocean South of Nassau and Suffolk Counties, New York. Hardy, C., et. al. Technical Report Series No. 21. Stony Brook, NY. 141 pp. Maps. 1975. (CZIC)

Presents the results of a study to determine the direction of movement of an oil spill on the OCS off of southern New England. The risk posed to Nassau and Suffolk county shorelines in the case of a major oil spill is analyzed in terms of the likelihood that a spill will reach shore.

OIL POLLUTION/EFFECTS; OCS; PETROLEUM INDUSTRY; STATISTICS; COASTAL WATERS

20-013 New York. Nassau-Suffolk Regional Planning Board.

Coastal Zone Planning Elements: Goals and Boundaries Final Report. Division of State Planning. Hauppauge, Long Island, NY. 27 pp. Appendix. January 1976. (CZIC)

Describes four coastal zone management activities undertaken by the Nassau-Suffolk Regional Planning Board. The four activities include identifying goals and objectives, eliciting public participation in the program, facilitating intergovernmental coordination and cooperation, and selecting criteria to enable coastal zone boundary definition.

GOALS/OBJECTIVES; BOUNDARIES; PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; ZONING; STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION

20-014 New York. Department of State. Division of State Planning. Coastal Zone Management Program.

Columbia County Coastal Zone Management Program. Columbia County Planning Department. Albany, NY. 100 pp. Maps. January 1976. (CZIC)

Presents the county planning board's assessment of existing environmental and social conditions in the Hudson River area of Columbia County and indicates areas which need further study before a management program can be devised. Sections of the report review public participation, goals and objectives, boundaries, coastal zone ecology, natural areas of concern, recreation, erosion, mineral resources, land use planning, land and water use conflicts, legislation, potential development areas and transportation routes.

STATE-LOCAL COORDINATION; PROGRAM DEVELOPMENT; LAND/WATER USE; COASTAL INVENTORIES; DEVELOPMENT; BOUNDARIES; PUBLIC PARTICIPATION; GOALS/OBJECTIVES;

20-014 New York. Department of State. Division of State Planning. Coastal Zone Management Program. (continued)

RECREATION/TOURISM; LAWS AND LEGISLATION; TRANSPORTATION; CONFLICTING USES

20-015 New York. New York Coastal Zone Management Program.

Coastal Zone Development Program: Summary of Activities. Comprehensive Planning Series Report No. 9. Stirling, J. L. Canton, NY. 85 pp. (CZIC)

Summarizes the first year planning activities of the Black River - St. Lawrence Regional Planning Board under the state program. Natural resource information was inventoried, areas were identified for development or non-development, and local land use controls were reviewed.

STATE-LOCAL COORDINATION; COASTAL INVENTORIES; DEVELOPMENT; LAND/WATER USE

20-016 New York. New York Coastal Zone Management Program.

Erie and Niagara Counties Regional Planning Board: Conflicts Between Natural Resources and Potential Development Areas. 5 pp. June 1976. (CZIC)

Analyzes potential development areas. Applies the coastal zone boundary and related factors to potential conflict areas.

DEVELOPMENT; BOUNDARIES; CONFLICTING USES

20-017 New York. New York Coastal Zone Management Program.

Erie and Niagara Counties Regional Planning Board: Public Agency Responsibilities, Activities, and Programs Affecting the Coastal Zone. Multi-pp. June 1976. (CZIC)

Includes an introduction and separate discussions on regional, county, and municipal agencies and their input.

PROGRAM DEVELOPMENT; STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION

20-018 New York. New York Coastal Zone Management Program.

Erie and Niagara Counties Regional Planning Board: Inventory and Analysis of Coastal Zone Resources. Erie and Niagara, NY. 19 pp. June 1976. (CZIC)

Inventory and analysis of master plans, zoning ordinances, and subdivision regulations for the 25 municipalities in the Erie-Niagara coastal zone. The relationship between those local plans and controls to state and regional

20-018 New York. New York Coastal Zone Management Program. (continued)

coastal zone issues.

COASTAL INVENTORIES; ZONING; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS; STATE-LOCAL COORDINATION

20-019 New York. St. Lawrence-Eastern Ontario Commission.

Program Summary for Interested Citizens. Watertown, NY. 16 pp. Appendices. Revised June 1976.

Describes in a public information document the Commission's purpose, responsibilities and current activities. The latter includes work on the planning program, a high water report, a shoreline damage survey, water quality studies, a salmonid fishery supportive facility report, a resource users survey and an outdoor recreation study. Appendices outline the commission concept, and the staff qualifications.

PROGRAM DESCRIPTION; STATE-LOCAL COORDINATION; WATER QUALITY; RECREATION/TOURISM; FISH/FISHERIES; PUBLIC PARTICIPATION

20-020 New York. St. Lawrence-Eastern Ontario Commission.

Coastal Resources: Goals and Objectives. Technical Report Series No. 1. Watertown, NY. 54 pp. July 1976.

Identifies goals and objectives inherent in the legislation which established the St. Lawrence-Eastern Ontario Commission. The goals and objectives include those for community development, agricultural resources, recreational resources, land resources, aquatic resources and educational/scientific uses.

GOALS/OBJECTIVES; RECREATION/TOURISM; AGRICULTURE; DEVELOPMENT; LAND/WATER USE

20-021 New York. New York Department of Environmental Conservation.

Report on Water Supply Studies for the Coastal Zone Management Program. (Task 8.5). Albany, NY. Multi-pp. Maps. September 1976.

Examines water use along the coastal zone and identifies ways in which the coastal zone management program could protect and safeguard existing and potential future sources of water supply. Also provides information for determining where the coastal zone boundary line should be by identifying areas along the coast which should be included within the boundary.

COASTAL WATERS; GROUNDWATER; WATER POLLUTION; WATER DEVELOPMENT PROJECTS; WATER QUALITY; WATER RESOURCES

20-022 New York. Nassau-Suffolk Regional Planning Board.

Annotated Bibliography of Existing Regional Technical Information and Data Related to OCS Activities. Hauppauge, NY. 6 pp. December 1976. (CZIC)

Brief annotations of 32 reports on OCS activities. Annotations include full reference, note of level of pertinence to New York, and an abbreviated paragraph on the report.

OCS; BIBLIOGRAPHY

20-023 New York. New York Department of State.

Analysis of Potential Oil Spill Impacts in the Nassau-Suffolk Coastal Zone (Task 7.6). Hauppauge, NY. 145 pp. Maps. December 1976. (CZIC)

Summarizes the natural resources of the marine portion of the Nassau-Suffolk coastal zone. These resources are used in the assessment of the biological impacts of hypothetical oil spill events resulting from Georges Bank or the Baltimore Canyon Troughs.

LIVING MARINE RESOURCES; COASTAL RESOURCES; OCS; OIL POLLUTION/EFFECTS; ISSUES/PROBLEMS

20-024 New York. New York Coastal Zone Management Program.

Siting Criteria for Onshore Facilities for OCS Oil Development and Their Potential Application in Nassau and Suffolk Counties (Task 8.6). Hauppauge, NY. 66 pp. Bibliography. February 1977. (CZIC)

This report consists of two parts: siting criteria and application of siting criteria to Nassau and Suffolk Counties. Part One, siting criteria, reviews 14 different types of onshore facilities and considers each from the view of three considerations: land and waterfront requirements, supply requirements and employment. In Part Two, the material developed from Part One is applied to the two counties.

ENERGY FACILITY SITING; OCS; REGIONAL IMPACT; LAND/WATER USE

20-025 New York. New York Department of State.

Catalogue of Plans, Regulations, and Programs that are Relevant to OCS Development Activities (Task 4.2). Hauppauge, NY. 16 pp.

Catalogue of local oil spill contingency plans, regulations, and ordinances plus local comprehensive plans relevant to outer continental shelf development activities. Regional and Federal contingency plans are also annotated.

20-025 New York. New York Department of State. (continued)

OCS; OIL POLLUTION/EFFECTS; REGIONAL IMPACT

20-026 New York. New York Department of State.

Expand or Modify Existing Coastal Zone Management Advisory Committee to Include OCS Interests (Task 3.1). Establish Public "Outreach and Feedback" Program (Task 3.2). Establish Technical Advisory Committee (Task 4.3). Albany, NY. Multi-pp. February 1977. (CZIC)

Three-part document including three task reports on the OCS. Each task includes numerous smaller reports.

OCS; PROGRAM DEVELOPMENT; PUBLIC PARTICIPATION

20-027 New York. New York Department of State.

Federal and State Coastal Boundaries and Jurisdictions in the New York Marine District. Complements Map Series #1: Federal and State Coastal Boundaries and Jurisdictions. New York State Department of Environmental Conservation. Albany, NY. Multi-pp. April 1977. (CZIC)

This report complements map series #1 which shows the relationship of the major shipping lanes to the various boundaries as well as their general proximity to the New York region and the major state and Federal coastal boundaries.

BOUNDARIES

20-028 New York. New York Department of State.

Coordination with Mid-Atlantic Governor's Coastal Resources Council and New England River Basins Commissions. New York State Department of Environmental Conservation. Albany, NY. Multi-pp. May 1977. (CZIC)

Compendium of coordinating efforts between the Coastal Resources Council and the NERBC between April 11, 1975 and June 2, 1977. Included are highlights of meetings, comments on documents, attendance lists from meetings, and more.

STATE-LOCAL COORDINATION

20-029 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program: City of Buffalo (Task 8.10). Identification of the Need for and Siting of Regional Facilities, Existing, Proposed and Projected in the Coastal Zone Within the City of Buffalo. Buffalo, NY. 15 pp. May 1977. (CZIC)

20-029 New York. New York Coastal Zone Management Program. (continued)

Recommends alternative locations for regional facilities from either expansion or relocation.

FACILITY SITING; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

20-030 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program: City of Buffalo. Potential Conflicts Between Natural Resource Considerations and Economic or Other Activities (Task 8.1). Buffalo, NY. 37 pp. May 1977. (CZIC)

Discusses seven existing or potential areas of conflict within the city of Buffalo.

CONFLICTING USES; ECONOMICS; ISSUES/PROBLEMS

20-031 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program: City of Buffalo. Report Covering City of Buffalo, Citizen Participation Committee (Task 3.1). Buffalo, NY. 82 pp. May 1977. (CZIC)

Summary report of second year citizen participation activities plus a series of seven attachments on meetings, responses to meetings, and committees.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT; GOALS/OBJECTIVES; CONFERENCES/WORKSHOPS

20-032 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program: City of Buffalo. Report Covering City of Buffalo, Coastal Zone Management Public "Outreach and Feedback" Program (Task 3.2). Buffalo, NY. 105 pp. May 1977. (CZIC)

Series of eight attachments on work group meetings, citizen questionnaires slide shows, television broadcasts, news coverage, contacts with interest groups and local agencies, and a list of meetings held to date.

CONFERENCES/WORKSHOPS; PUBLIC PARTICIPATION; INFORMATION SYSTEMS; STATE-LOCAL COORDINATION

20-033 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program: City of Buffalo. Identification of the Coastal Zone Boundary and Geographic Areas of Particular Concern Within the City of Buffalo (Task 7.3). Buffalo, NY. 44 pp. Appendices. May 1977.

20-033 New York. New York Coastal Zone Management Program. (continued)

Describes GAPCs identified in Buffalo and the criteria by which the areas were chosen. Each of 11 designated GAPCs are discussed in detail.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; GOALS/OBJECTIVES; LAND/WATER USE

20-034 New York. New York Department of State.

New York State Coastal Management Program: Goals and Objectives. New York State Coastal Management Unit. Albany, NY. May 1977. (CZIC)

Presents primary (general) goals and specific goals and objectives for achieving those goals in four categories: social development, economic development, environment, and program organization.

GOALS/OBJECTIVES; SOCIOECONOMICS; ECONOMICS; PROGRAM DESCRIPTION

20-035 New York. New York Department of State.

Potential OCS-Related Facilities that May Affect the Coastal Zone Boundaries. First OCS Year (Task 6.1). Albany, NY. 9 pp. May 1977. (CZIC)

This report is designed to assist in the identification of coastal zone boundaries under the coastal zone management program by describing various on-shore OCS-related facilities and their locational requirements.

BOUNDARIES; OCS; ENERGY FACILITY SITING; ISSUES/PROBLEMS; PERMISSIBLE USES

20-036 New York. New York Department of Environmental Conservation.

Significant Coastal Related Fish and Wildlife Habitats of New York State. (Task 7.3). Final Report. Albany, NY. 59 pp. Appendices. June 1977. (CZIC)

The scope of this report is to provide an overview of the best fish and wildlife habitat areas. It identifies and describes these coastal related habitats with the exception of the St. Lawrence/Eastern Ontario Commission (SLEOC) region and the Nassau-Suffolk Regional Planning Board (NSRPB) region.

COASTAL INVENTORIES; COASTAL RESOURCES; CRITICAL AREAS; FISH/FISHERIES; WILDLIFE

20-037 New York. New York Department of State.

Outer Continental Shelf Study Program: Public Participation (Task 3.2). Koppelman. L. E. Hauppauge, NY. Multi-pp. June 1977. (CZIC)

20-037 New York. New York Department of State. (continued)

Description of the Citizens Participation Committee (CPC) and the Regional Marine Council Resources Council (RMRC) used by the NassauSuffolk Regional Planning Board in public participation. Also minutes from CPC meetings, CPC mailing list, members of the RMRC, minutes of RMRC meetings and an oil spill contingency plan for Fire Island Inlet.

EDUCATION; PUBLIC PARTICIPATION; OCS

20-038 New York. New York Department of State.

An Analysis of Federal Roles Related to Outer Continental Shelf Development and Coastal Zone Management (Task 9.1, part II). Albany, NY. 36 pp. June 1977. (CZIC)

Summary of the historical background behind state and Federal jurisdictions on the continental shelf, discussion of the leasing process, and the implications of exploration and development. Also a discussion of Federal jurisdiction in the coastal zone, including consistency with the state statute.

FEDERAL AGENCIES; OCS; FEDERAL CONSISTENCY; LAWS AND LEGISLATION

20-039 New York. New York Department of State.

Assessment of Factors That May Contribute to Oil Spills (Task 7.8). Albany, NY. 17 pp. Bibliography. June 1977. (CZIC)

This paper is a generalized accounting of various factors that should be considered in the leasing of the Mid-Atlantic and North Atlantic areas. The interest is to highlight some of the natural conditions in these leasing areas that might otherwise be overlooked.

AESTHETICS; OIL POLLUTION/EFFECTS

20-040 New York. New York City Department of City Planning.

Coastal Zone Management - Outer Continental Shelf Program. Department of City Planning. New York, NY. Multi-pp. June 1977. (CZIC)

This report under the OCS study from April 1, 1976 to June 30, 1977 includes: formulation of goals and objectives (Task 1.4); collection of OCS information sources (Task 2.2); development of a citizen participation program (Task 3.1); city response to Federal OCS activities (Task 4.2); coordination and interstate efforts (Task 5.4); assessment of oil spills on man-made and natural environments (Task 7.6); evaluation of potential OCS service bases as staging areas for supporting OCS offshore development (Task 8.6); and development of a comprehensive inventory of institutional controls related to OCS development (Task 9.4).

20-040 New York. New York City Department of City Planning. (continued)

GOALS/OBJECTIVES; PROGRAM DESCRIPTION; OCS; OIL POLLUTION/EFFECTS

20-041 New York. Nassau-Suffolk Regional Planning Board.

Coastal Zone Management Program: Public Participation. Hauppauge, NY. Multi-pp. June 1977. (CZIC)

Description of the activities of the Citizens Participation Committee (CPC), Regional Marine Resources Council (RMRC), and the Dredging Advisory Council (DAC).

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

20-042 New York. New York City. Department of City Planning.

Demonstration of a Coordinative Mechanism for Waterfront-Related Planning. Final Technical Report. New York, NY. Multi-pp. June 1977. (CZIC)

This report shows how three major Federally funded programs with aspects of waterfront planning could be coordinated to achieve three prime goals for Federally financed planning: 1) no duplication of effort, 2) consistency of completed plans and 3) achievement of the planning objectives. Completed and ongoing work of the 208 program is focused primarily on water quality while the coastal zone management program concentrates on water uses and upland uses impacting access to and protection of development of the waterfront.

COASTAL WATERS; WATER DEVELOPMENT PROJECTS; WATER QUALITY; WATER RESOURCES

20-043 New York. New York Department of State.

Federal Disaster Assistance Programs Applicable to Environmental and Economic Problems Resulting from Oil Spills and Other Water Pollution Related Phenomena (Task 8.7). Albany, NY. 15 pp. June 1977. (CZIC)

Briefly examines existing Federal programs designed to aid localities and small businesses which suffer significant financial losses as a result of a serious oil spill or other catastrophe. Alternative compensation techniques are also reviewed including Federal and state legislation dealing with oil spill liability and compensation.

FEDERAL AGENCIES; ECONOMICS; OIL POLLUTION/EFFECTS; FEDERAL CONSISTENCY

20-044 New York. New York Department of Environmental Conservation.

Geographic Areas of Particular Concern (GAPC) Recommendations (Task 7.3). Final Report. Albany, NY. 61 pp. June 1977. (CZIC)

Lists the ten significant natural resources necessary for an area to be considered a Geographic Area of Particular Concern (GAPC). Gives recommendations for each of the GAPCs in New York.

PLANNING/MANAGEMENT; CRITICAL AREAS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

20-045 New York. New York Department of State.

Identification of Critical Natural Resources Particularly Vulnerable to Oil Spills (Task 7.6). Albany, NY. 87 pp. References, Maps. June 1977. (CZIC)

Provides fundamental resource data which will be used to determine management programs and legislation, to designate permissible and prohibitive uses and to define Geographical Areas of Particular Concern (GAPCs).

PLANNING/MANAGEMENT; PERMISSIBLE USES; PERMITS/PERMITTING; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

20-046 New York. New York Department of State.

Inventory and Analysis of New York State Legislation and Regulations Related to Outer Continental Shelf Development (Task 9.1, part I). Albany, NY. 98 pp. June 1977. (CZIC)

Analyzes state authority to plan for and regulate the onshore impacts which may result from offshore oil and gas resource development.

LAWS AND LEGISLATION; OCS; ISSUES/PROBLEMS

20-047 New York. New York Department of State.

Identification and Analysis of Federal, State and Local Legislation, Ordinances and Regulations Related to the Impact of Onshore OCS Support Facilities Meeting Siting Criteria as Applied to the Nassau-Suffolk Coastal Zone (Task 9.4). Hauppauge, NY. 57 pp. July 1977. (CZIC)

This report documents the anticipated environmental impacts resulting from the establishment of onshore support facilities for offshore oil development. State, local and Federal legislation is also analyzed to determine whether existing controls are adequate to mitigate anticipated environmental impacts.

OCS; PETROLEUM INDUSTRY; INDUSTRY/COMMERCE; ENERGY; LAWS AND LEGISLATION

20-048 New York. New York Department of State.

A Marine Fisheries Subplan for Nassau and Suffolk Counties. Hauppauge, NY. 97 pp. Maps, Tables.

Discusses the commercial fishing industry in Nassau and Suffolk Counties, the industry's facilities, and land use and dredging recommendations. Regarding recreational fishing, plans and recommendations are suggested. Management approaches are presented. Relationship to Geographic Areas of Particular Concern is discussed.

FISH/FISHERIES; INDUSTRY/COMMERCE; LAND/WATER USE; DREDGING; RECREATION/TOURSIM; PLANNING/MANAGEMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

20-049 New York. New York Department of State.

Potential New York State Onshore Sites for OCS Facilities. New York State Department of Environmental Conservation. Albany, NY. Multi-pp. Maps. August 1977. (CZIC)

This report is a summary of work performed by the Port Authority of New York, the New York City Planning Commission and the Nassau-Suffolk Regional Planning Board and describes the sites identified by these three agencies and summarizes the criteria used to select these sites.

OCS; ENERGY FACILITY SITING; PLANNING/MANAGEMENT

20-050 New York. New York Department of State.

State, County, and Town Boundaries, Jurisdictions and Ownerships for Lands Underwater in the Marine District of New York State (Task 7.5). Complements Map Series #2: State, County and Town: Boundaries, Lands Underwater, Jurisdiction. Prepared by Ronald E. Hartmen, New York State Department of Environmental Conservation. Stony Brook, NY. 30 pp. Bibliography. August 1977. (CZIC)

This report and its accompanying maps are part of a series of reports identifying boundaries and jurisdictions of underwater lands in New York State. The purpose of the reports and maps is to provide essential information needed to deal with the on-shore impacts of outer continental shelf oil and gas exploration and development and to determine boundaries among and between government jurisdiction.

BOUNDARIES; OCS; DEVELOPMENT; MAPS/MAPPING

20-051 New York. New York Department of State.

A Comprehensive Dredging Subplan for Nassau-Suffolk Counties (Task 3.2). Prepared by the Nassau-Suffolk Regional Planning Board. Hauppauge, NY. Multi-pp. August 1977. (CZIC)

This report encompasses the areas of navigation channel establishment and maintenances, dredge spoil disposal, inlet maintenance, beach nourishment, sand and gravel extraction, pollution removal, and pipeline/cable emplacement. Particular emphasis is placed on planning for navigation channel dredging.

BEACHES/DUNES; COASTAL WATERS; DREDGING; SHIPPING; WATER DEVELOPMENT PROJECTS

20-052 New York. New York Department of State.

Outer Continental Shelf: Potential Impact of OCS Oil and Gas on New York State and New York Metropolitan Area Energy Requirements (Task 8.7). Albany, NY. 75 pp. Bibliography. September 1977. (CZIC)

This study attempts to identify those qualitative and quantifiable aspects of benefit that could be derived in-state from prospective OCS oil and gas finds hypothesized in current resource recovery scenarios. Covers: energy supply by fuel type, demand for energy, the supply outlook, an evaluation of projected find scenarios and contribution of OCS oil and gas with respect to alternative energy policies, programs and sources.

OCS; ENERGY; ECONOMICS; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

20-053 New York. New York State Department of State.

Marine Related Activities: An Assessment of the Economic Impacts of Energy Development (Task 8.7). Albany, NY. 72 pp. October 1977. (CZIC)

This report focuses upon the potential implications for marine related recreational activity on the south shore of Long Island and to the state's Atlantic commercial fisheries of prospective Outer Continental Shelf (OCS) energy development activities. The characteristics and economic importance of these activities are briefly inventoried.

RECREATION/TOURISM; FISH/FISHERIES; OCS; ENERGY; SOCIOECONOMICS

20-054 New York. New York Department of State.

New York State and Outer Continental Shelf Development - An Assessment of Impacts. Albany, NY. 178 pp. Maps. October 1977. (CZIC)

Compilation of work by the State Geological Survey, the State Office of Parks and Recreation, the Nassau-Suffolk Regional Planning Board, the New

20-054 New York. New York Department of State. (continued)

York City Department of City Planning, and the Port Authority of New York and New Jersey regarding the implications of oil and gas drilling.

OCS; ENERGY; REGIONAL IMPACT; STATE-LOCAL COORDINATION

20-055 New York. New York Department of State.

Outer Continental Shelf Program. Attracting OCS Related Onshore Facilities and Activities: An Assessment of Prospects for New York State and their Economic Benefits (Task 8.7). New York State Department of Environmental Conservation. Albany, NY. 32 pp. Bibliography. October 1977. (CZIC)

This is one of three reports representing the economic studies completed under item 8.7 of the first OCS work program. Taken as a whole these reports address the key economic implications associated with the development of OCS energy resources. Specifically, this report covers potential OCS facilities for the east coast states, potential New York sites for OCS facilities, direct OCS employment and income benefits, total employment and income benefits, and long term economic prospects.

DEVELOPMENT; ECONOMICS; SOCIOECONOMICS; ENERGY; OCS; PETROLEUM INDUSTRY

20-056 New York. New York Coastal Zone Management Program.

Coastal Zone Management Program. Bureau of Planning and Community Development. Troy, NY. Multi-pp. 1977. (CZIC)

Describes the goals and objectives of the New York State Coastal Zone Management Program. Covers: inventory of data sources, natural resources analysis, economic analysis, coastal zone development plan, review of pertinent legislation, model coastal zone legislation and appendices.

ECONOMICS; FEDERAL AGENCIES; GOALS/OBJECTIVES; LAWS AND LEGISLATION; PROGRAM DEVELOPMENT

20-057 New York. New York State Coastal Management Program.

Initial Statewide Boundary. State of New York Department of State. Albany, NY. Multi-pp. 1977. (CZIC)

Explains the process by which New York has delineated an initial statewide coastal management boundary. Includes a county by county written description of the boundaries.

20-057 New York. New York State Coastal Management Program. (continued)

BOUNDARIES; PROGRAM DEVELOPMENT

20-058 New York. New York Coastal Zone Management Program.

Coastal Management Handbook. New York Department of State. Albany, NY. 32 pp. 1978. (CZIC)

Summary report on coastal issues and concerns, boundaries, coastal uses, geographical areas of particular concern, program implementation, public participation, and local agency contacts.

BOUNDARIES; ISSUES/PROBLEMS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION; STATE-LOCAL COORDINATION

20-059 New York. New York Coastal Management Program.

New York State Coastal Management Program. Draft Report with Draft Environmental Impact Statement. Volumes 1 & 2. Albany, NY. Multi-pp. March 1979. (CZIC)

Draft of the state program including boundaries, coastal policies and implementation on resource groups (aesthetics, agriculture, air quality, economic development, energy, fish, wildlife, flooding and erosion, OCS development, public access, recreation, water quality), Federal consistency, and geographic areas of particular concern.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; BOUNDARIES; AESTHETICS; AGRICULTURE; AIR RESOURCES; ECONOMICS; ENERGY; FISH/FISHERIES; WILDLIFE; FLOODS/FLOODING; EROSION/SEDIMENTATION; PUBLIC ACCESS; RECREATION/TOURISM; WATER QUALITY; FEDERAL CONSISTENCY; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

20-060 New York. New York Coastal Zone Management Program.

Coastal Zone Management Plan: City of Troy. Troy, NY. Multi-pp. No Date. (CZIC)

Compilation of state program work products on goals and objectives, intergovernmental coordination, data sources, natural resource analysis, existing regulations, developable areas, economic analysis, development plan, and pertinent legislation.

GOALS/OBJECTIVES; STATE-LOCAL COORDINATION; RESOURCES; DEVELOPMENT; ECONOMICS; LAWS AND LEGISLATION

20-061 New York. Business Marketing Corporation for New York City.

Fisheries Development Opportunities for New York. 162 pp. June 1980.

Provides recommendations for establishing a fish handling facility in New York City to accomodate increased demand. Describes recommended site and a development program to implement recommended action.

FISH/FISHERIES; URBAN AREAS; INDUSTRY/COMMERCE; DEVELOPMENT

20-062 New York. New York Department of State.

Assessment of the Geologic Information of New York State's Coastal Zone and Continental Shelf and its Significance to Petroleum Exploration and Development. Prepared by J. D. Glaeser and P. C. Smith. Albany, NY. 261 pp. Appendix. Bibliography. No Date.

This report covers the geology of the continental margin and the circulation of waters which cover the continental margin including surface and deep water currents as well as tides and waves. Also discusses seismicity of the continental shelf and geologic hazards.

CURRENTS; ENVIRONMENT; GEOLOGY; NATURAL HAZARDS

20-063 New York. New York Department of State (Coastal Energy Impact Program).

Bulk Oil Facilities in New York City. NYC Dept. of City Planning. New York, NY. 166 pp. August 1981.

This report investigates the adequacy of oil facilities along the New York City waterfront. It also examines impacts generated by the oil facilities and discusses whether additional facilities are needed.

COASTAL INVENTORIES; ENERGY IMPACTS; OIL & GAS; PETROLEUM INDUSTRY

20-064 New York. New York Department of State (Coastal Energy Impact Program).

Town of Babylon, Suffolk County, New York Oil Spill Contingency Plan. Babylon Dept. of Environmental Control. Huntington, NY. 102 pp. Appendix. September 1981.

This report is an oil spill contingency for the Town of Babylon. It addresses oil spill response, the agencies to be notified in case of a spill, the equipment available to deal with a spill, and control techniques to be employed should a spill occur.

COASTAL WATERS; OIL POLLUTION/EFFECTS; OIL SPILL PREVENTION

20-065 New York. New York Department of State (Coastal Energy Impact Program).

Oil Spill Response Actions in Jones Inlet: County of Nassau, New York. Long Island Regional Planning Board. Hauppauge, NY. 44 pp. Appendices. October 1981.

This report examines the situation should a major oil spill take place in the vicinity of Jones Inlet, Long Island. It describes hydrographic conditions at and near the inlet, and recommends actions to prevent or minimize oil pollution. It contains a list of oil spill contractors and an inventory of available oil spill containment and cleanup equipment.

COASTAL WATERS; OIL SPILL PREVENTION; OIL POLLUTION/EFFECTS

20-066 New York. New York Department of State (Coastal Energy Impact Program).

Oil Spill Response Actions in Shinnecock Inlet: County of Suffolk, New York. Long Island Regional Planning Board. Hauppauge, NY. 47 pp. Appendices. October 1981.

This report examines the situation should a major oil spill occur in Shinnecock Inlet. It describes the hydrographic conditions there and recommends actions to prevent or minimize oil pollution. It contains a list of oil spill contractors and an inventory of available spill containment and cleanup equipment.

COASTAL WATERS; OIL SPILL PREVENTION; OIL POLLUTION/EFFECTS

20-067 New York. New York Department of State (Coastal Energy Impact Program).

Village of Ocean Beach, New York Bayfront Area Comprehensive Development Plan. 38 pp. Appendices. October 1981.

This report examines the socioeconomic background, the physical and environmental characteristics, land use, planning and zoning, and the prevailing architecture of the Village of Ocean Beach as a prelude to recommending a development plan for the Village's bayside waterfront to improve its recreational use.

BARRIER ISLANDS; WATERFRONT DEVELOPMENT; PLANNING/MANAGEMENT; RECREATION/TOURISM

20-068 New York. New York Department of State (Coastal Energy Impact Program).

Oil Storage Facilities Study Kingston, NY: An analysis of the feasibility of relocating and/or consolidating existing oil storage and distribution facilities in order to rcapture valuable waterfront property. Shuster, D., Olko Engineering, and Raymond Parish, Pine, and Weiner, Inc. Stone Ridge, NY. 46 pp. Appendices. December 1981.

20-068 New York. New York Department of State (Coastal Energy Impact Program). (continued)

This report identifies oil storage facilities on Rondout Creek in the City of Kingston, NY. In the context of other waterfront uses it investigates alternative sites for the oil storage facilites and recommends a plan, including financing aspects to relocate the facilities so as to increase public access to the waterfront.

ENERGY FACILITY SITING; ENERGY TRANSPORTATION STORAGE; FACILITY SITING; PUBLIC ACCESS

20-069 New York. New York Department of State (Coastal Energy Impact Program).

Oil Spill Response Actions in East Rockaway Inlet: County of Nassau, NY. Long Island Regional Planning Board. Hauppauge, NY. 452 pp. Appendices. January 1982.

This report examines the situation should a major oil spill occur in East Rockaway Inlet. It describes the hydrographic conditions at and near the inlet, and recommends actions to prevent or minimize oil pollution there. It contains a list of oil spill contractors and an inventory of available oil spill containment and cleanup equipment.

COASTAL WATERS; OIL SPILL PREVENTION; OIL POLLUTION/EFFECTS

20-070 New York. New York Department of State (Coastal Energy Impact Program).

Oil Spill Response Actions in Moriches Inlet: County of Suffolk, NY. Long Island Regional Planning Board. Hauppauge, NY. 452 pp. Appendices. January 1982.

This report examines the situation should a major oil spill occur in Moriches Inlet. It describes the hydrographic conditions at and near the inlet, and recommends actions to prevent or minimize oil pollution there. It contains a list of oil spill contractors and an inventory of available oil spill containment and cleanup equipment.

COASTAL WATERS; OIL SPILL PREVENTION; OIL POLLUTION/EFFECTS

20-071 New York. New York Department of State (Coastal Energy Impact Program).

Coastal Impact Analysis for the Proposed Resource Recovery Facility at the Site of the Former Brooklyn Navy Yard. Camp, Dresser & McKee. New York, NY. Section 1: 22 pp. Section 2: 10 pp. Section 3: 142 pp. March 1982.

This report examines the impacts, particularly in regard to water quality, of a proposed resource recovery facility to be built on the site of the former

20-071 New York. New York Department of State (Coastal Energy Impact Program). (continued)

Brooklyn Navy Yard on the New York City Waterfront.

ENERGY IMPACTS; ENERGY FACILITY SITING; ENVIRONMENTAL IMPACT; WATER QUALITY

20-072 New York. New York Department of State (Coastal Energy Impact Program).

City of Poughkeepsie Coastal Energy Impact Program: Bulkhead Study for the Riverfront Shoreline. Cloough, Harbour & Associates. Albany, NY. 28 pp. Appendices. No Date.

ENGINEERING; WATERFRONT DEVELOPMENT

21-001 North Carolina. Coastal Resources Commission.

Handbook on Public Participation in the Development of Land Use Plans in the Coastal Areas of North Carolina. Coastal Area Management Act. Morehead City, NC. 9 pp. February 1975. (CZIC)

Summarized various methods for involving citizens in the development of local land use plans. Techniques for both informing the public and obtaining public inputs as reviewed.

PUBLIC PARTICIPATION

21-002 North Carolina. Coastal Resources Commission.

State Guidelines for Local Planning in the Coastal Area Under the Coastal Area Management Act of 1974. Adopted by the Coastal Resources Commission on January 27, 1975. Raleigh, NC. Revised September 1979: North Carolina Administrative Code 15 Subchapter 7B. 72 pp. November 1975. (CZIC)

Established State guidelines to be used to assist local governments in each of the twenty coastal counties with preparation of local land use plans. Lists proposed areas of environmental concern, describes these areas, and explains the significance, policy objective and appropriate land uses of each proposed area. These areas include wetlands, erosion areas, watersheds, beaches, flooded areas, and others. The guidelines set forth the basic elements the land use plan should include.

PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION; GOALS/OBJECTIVES; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CRITICAL AREAS; WETLANDS; COASTAL RESOURCES; NATURAL HAZARDS; EROSION/SEDIMENTATION; FLOODS/FLOODING; BEACHES/DUNES; WATERSHEDS

21-003 North Carolina. Department of Natural Resources and Community Development.

Topsail Beach, North Carolina Evacuation Plan. Topsail Beach, NC. 2 pp. September 1976. (CZIC)

Lists the issues related to evacuation that were discussed at a meeting on September 6, 1976, and gives instruction for evacuees.

NATURAL HAZARDS

21-004 North Carolina. Department of Natural and Economic Research.

The North Carolina Coastal Plan - Draft. Multi-pp. April 1977. (CZIC)

Divided into six major sections: 1) genesis of coastal area management, 2) historical perspective of North Carolina's program, 3) program objectives

21-004 North Carolina. Department of Natural and Economic Research. (continued)

and general management framework, 4) policies and authorities in Areas of Environmental Concern (AEC), policies and authorities for coastal zone outside of AECs, and processes for ongoing management.

PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

21-005 North Carolina. Department of Natural Resources and Community Development.

Evaluation Study for a Downtown Funding Mechanism. Elizabeth City Planning Department. Elizabeth City, NC. Multi-pp. September 1977. (CZIC)

Consists of the following sections: 1) need for special funding effort to revitalize the downtown area; 2) existing financial condition of the downtown area; 3) various funding efforts and strategies in other communities; 4) Municipal Service District requirements and its use in other North Carolina communities; 5) the impact of such a District in Elizabeth City's downtown area; 6) methods of funding the District, and 7) recommendations to aid the downtown merchants and local government in implementing improvements.

ECONOMICS; URBAN AREAS; PLANNING/MANAGEMENT

21-006 North Carolina. Department of Natural Resources and Community Development.

Housing Element Update. Technical assistance provided by the Mid-East Commission, Washington, D.C. Windsor, NC. 31 pp. Appendices. December 1977. (CZIC)

Examines the current and projected 1980 housing needs for the town of Windsor. Also, provides a three-year work program.

PLANNING/MANAGEMENT

21-007 North Carolina. U.S.D.A., Soil Conservation Service and the N.O.A.A., Office of Coastal Zone Management.

Soil Survey of the Outer Banks, North Carolina Part I and Part II. USDA, Soil Conservation Service in cooperation with North Carolina DNRCD and North Carolina State University Soil Science Department. North Carolina Department of Natural Resources and Community Development. Part I (144 pp.) Part II (1,000+ pp.) 1977.

Soil surveys and information. Part I contains descriptive material. Part II contains the soil maps.

MAPS/MAPPING

21-008 North Carolina. Department of Natural Resources and Community Development.

Aulander Housing Element. Technical assistance provided by the Mid-East Commission. Washington, D.C. 28 pp. 1977. (CZIC)

Examines the current and projected housing needs for Aulander, and outlines a three-year plan of action.

PLANNING/MANAGEMENT

21-009 North Carolina. Department of Natural Resources and Community Development.

Aulander - Land Development. Technical assistance provided by the Mid-East Commission. Washington, D.C. 51 pp. 1977. (CZIC)

Depicts current land use and recommends how it should be used. Provides general guidelines for development over the next twenty-three years, and outlines a three-year work program.

LAND/WATER USE; DEVELOPMENT; PLANNING/MANAGEMENT

21-010 North Carolina. Department of Natural Resources and Community Development.

Onslow County: Water and Sewage Policy Study. Onslow County Planning Department. Onslow, NC. Multi-pp. February 1978. (CZIC)

Examines the future role of existing policies and the manner in which they can affect growth policies and decisions. The feasibility of a surcharge is considered, and a rate schedule analysis, future soil program, and environmental impact assessment provided. Concludes with bibliography.

LAND/WATER USE; DEVELOPMENT; BIBLIOGRAPHY

21-011 North Carolina. Department of Natural Resources and Community Development.

Onslow County: Final Industrial Site Study. Onslow County Planning Department. Onslow County, NC. 22 pp. Maps. February 1978. (CZIC)

Provides socioeconomic data affecting local industrial sites, a description of the proposed site and its relationship to the land use plans for Onslow and Jacksonville Counties, and identification of utility needs, property ownership, a future work program, an environmental impact assessment, and a governmental review.

SOCIOECONOMICS; INDUSTRY/COMMERCE; FACILITY SITING

21-012 North Carolina. Department of Natural Resources and Community Development.

Beaufort County Marina Study. Beaufort County Planning Department. Washington, NC. Multi-pp. May 1978. (CZIC)

Summary of the Beaufort County Marine Recreation Plan. Contains identified needs and recommendations for action. Looks at demand, types of facilities, existing marinas, land and waterway requirements, arrangement of facilities, economic feasibility, and relevant regulation.

RECREATION/TOURISM; BOATING; MARINAS

21-013 North Carolina. Department of Natural Resources and Community Development.

Beaufort County: Summary Statement on Land Use and Housing. Washington, NC. 6 pp. May 1978. (CZIC)

Indicates the key paragraphs of the land use and housing elements. Also, mentions the natural and social environmental impacts of the housing element.

LAND/WATER USE

21-014 North Carolina. Department of Natural Resources and Community Development.

Annexation Study, Windsor, North Carolina. Washington, NC. 28 pp. June 1978. (CZIC)

Evaluates an area adjacent to the town limits of Windsor to determine if it meets the legal requirements for annexation. Includes a cost/benefit analysis.

PLANNING/MANAGEMENT

21-015 North Carolina. Department of Natural Resources and Community Development.

City of New Bern Recreation Plan. Townsend and Associates. Greensboro, NC. 54 pp. July 1978. (CZIC)

Includes types of municipal recreation areas, minimum land requirements for recreation, an inventory and evaluation of existing recreation resources, and recommendations for future development.

RECREATION/TOURISM

21-016 North Carolina. Department of Natural Resources and Community Development.

Pender County Environmental and Growth Alternatives Study. Burgan, NC. 30 pp. Maps. July 1978. (CZIC)

21-016 North Carolina. Department of Natural Resources and Community Development. (continued)

Enumerates environmental and man-made developmental limitations in the county and identifies policy decisions that must be made soon in the face of inevitable urban development.

DEVELOPMENT; PLANNING/MANAGEMENT

21-017 North Carolina. Department of Natural Resources and Community Development.

Pender County Four Year Overall Program Design. Cochran, J. and J. Smith. Burgan, NC. Multi-pp. Bibliography. July 1978. (CZIC)

Provides an outline of the work program for FY 1979 - FY 1982, and an account of all the planning and management activities of the department. Also serves as a handbook on current planning efforts, bridging the comprehensive land use plan and implementation.

PLANNING/MANAGEMENT; LAND/WATER USE

21-018 North Carolina. Department of Natural Resources and Community Development.

Pender County Four Year Overall Program Design. Cochran, J. and J. Smith. Burgan, NC. Multi-pp. Bibliography. July 1978. (CZIC)

Provides an outline of the work program for FY 1979 - FY 1982, and an account of all the planning and management activities of the department. Also serves as a handbook on current planning efforts, bridging the comprehensive land use plan and implementation.

PLANNING/MANAGEMENT; LAND/WATER USE

21-019 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

Inlet Hazard Areas - The Final Report and Recommendations to the Coastal Resources Commission. Priddy, L. J. and R. Carraway. 59 pp. September 1978.

Presents results and recommendations of study of each of North Carolina's 32 inlets as a tool in establishing inlet hazard area of environmental concern.

CRITICAL AREAS; COASTAL RESOURCES; PLANNING/MANAGEMENT; NATURAL HAZARDS

21-020 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

Coastal Area Management -- A Cooperative Effort to Protect Our Areas of Environmental Concern. North Carolina Department of Natural Resources and Community Development. 3 pp. 1978.

Brochure describing the Coastal Area Management Act permit program.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CRITICAL AREAS; COASTAL RESOURCES; LAND/WATER USE; EDUCATION; NATURAL HAZARDS

21-021 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

News of the North Carolina Coastal Management Program. North Carolina Department of Natural Resources and Community Development. Raleigh, NC. 5 pp. 1978.

Monthly newsletter of program activities. Vol. I, (6 issues); Vol II continuing.

INFORMATION SYSTEMS; ISSUES/PROBLEMS; EDUCATION

21-022 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

Gateways to the Sea (28 minute film). North Carolina Department of Natural Resources and Community Development. Raleigh, NC. Film. 1978.

Film describing the impact of inlet navigation on North Carolina's commercial fishing and statewide economy (28 minutes).

NAVIGATION; FISH/FISHERIES; BOATING; COASTAL WATERS

21-023 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

North Carolina Coastal Management. North Carolina Department of Natural Resources and Community Development. (Flyer) 2 pp. 1978.

General program flyer covering major aspects of the North Carolina Coastal Area Management Act and reference to North Carolina's participation in Federal Coastal Zone Management Program.

PROGRAM DESCRIPTION; INFORMATION SYSTEMS

21-024 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

Ocean Hazard System Areas of Environmental Concern Maps. North Carolina Department of Natural Resources and Community Development. 132 mylar maps. July 1979.

There are 132 aerial maps on mylar base at a scale of 1"=400'. Coverage is of eight counties on North Carolina outer banks. Maps delineate Ocean Hazard System AECs which include inlet hazard, flood hazard, and ocean erodible areas using 30 year long-term average annual erosion rate and 100 year storm erosion rate.

MAPS/MAPPING; NATURAL HAZARDS; EROSION/SEDIMENTATION; FLOODS/FLOODING

21-025 North Carolina. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

North Carolina Supplement to Coastal Problems and Resource Management. Rhodes, G. L. and F. M. Pottenger. North Carolina Department of Natural Resources and Community Development. Raleigh, NC. 68 pp. 1979.

Supplement of case studies designed to accompany the high school social studies course "Coastal Problems and Resource Management," developed by the Curriculum Research and Development Group, University of Hawaii.

EDUCATION; INFORMATION SYSTEMS

21-026 North Carolina. Coastal Management Program.

Coastal Construction Standards for Nags Head, NC. 25 pp. Appendices. 1980.

Reviews Federal and state coastal construction standards to provide analyses of the conditions affecting construction and to generate amendments to the state building code and other management authorities. Also discussed are the physical conditions on the Outer Banks.

BARRIER ISLANDS; DEVELOPMENT; NATURAL HAZARDS; HOUSING; PERMITS/PERMITTING

21-027 North Carolina. Coastal Management Program.

Town of Wrightsville Beach Building Line Extension Study. Multi-pp. March 1981.

Examines the feasibility of extending the city's limits to include undeveloped dunes and thereby protect them and provide a buffer zone for the town. The action is being studied because the area provides natural storm and erosion protection for the town.

21-027 North Carolina. Coastal Management Program. (continued)

BARRIER ISLANDS; BOUNDARIES; BEACHES/DUNES; BUFFER ZONE; EROSION/SEDIMENTATION; NATURAL HAZARDS

21-028 North Carolina. Coastal Management Program.

County Land Use Plan Updates:

Beaufort County	1981	Multi-pp.
Bertie		
Brunswick County	March 1981	142 pp. Appendix
Camden		
Carteret		
Chowan		
Craven County	February 1981	101 pp.
Currituck County 1980-1990	1981	113 pp.
Dare		
Gates		
Hertford		
Hyde		
New Hanover-Wilmington		
Onslow		
Pamlico		
Pasquotank County	1981	46 pp.
Pender County	1981	89 pp.
Perquimans		
Tyrrell		
Washington County	August 1980	189 pp.

Presents an updated plan for future development in coastal counties. Plans are updated every five years. Provides a review of existing land use growth forecasts and demand for services, land and water carrying capacity, economic trends and significant local issues. An implementation plan is presented.

BOUNDARIES; RECREATION/TOURISM; ISSUES/PROBLEMS; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT; LAND/WATER USE; PERMISSIBLE USES; PUBLIC ACCESS; PUBLIC PARTICIPATION

21-029 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Mitigating the Impacts of Energy Facilities: A Local Air Quality Program for the Wilmington, NC Area. Rogers, Golden & Halpern, Inc. Dept. of Natural Resources & Community Development. Raleigh, NC. 46 pp. Appendices. January 1981.

Considers existing baseline data and past air quality modelling efforts in the Wilmington, NC area and projects air quality impacts and information needs if a major refinery is to be sited there. Monitoring system design and

21-029 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program). (continued)

analytical methods are recommended. Logistic details for local air quality program, as allowed by state law, are given.

AIR-RESOURCES; PLANNING/MANAGEMENT; ENERGY FACILITY SITING; INDUSTRY/COMMERCE; PETROLEUM INDUSTRY

21-030 North Carolina. Coastal Management Program.

White Oak River System Study. Multi-pp. March 1981.

Reviews existing data on hydrology, pollution sources, fisheries resources and land use patterns in an effort to develop solutions to the problems of siltation and pollution in the river's estuary. A management strategy is outlined.

CONFLICTING USES; ESTUARIES; HYDROLOGY; POLLUTION; FISH/FISHERIES

21-031 North Carolina. Coastal Management Program.

Waterfront Revitaliztion Report: Morehead City, NC. 50 pp. March 1981.

Describes several alternative plans to upgrade commerical and recreational services by enhancing access to site. Cost estimates and an implementation plan is provided for the preferred alternative.

AESTHETICS; RECREATION/TOURISM; INDUSTRY/COMMERCE; PUBLIC ACCESS; PORTS/WATERFRONTS

21-032 North Carolina. Department of Natural Resources and Community Development.

Report of Peat Mining Task Force. 60 pp. Raleigh, NC. March 1981.

A document to analyze the issues associated with peat mining and formulate recommendations for departmental action.

LAND/WATER USE; ENERGY; ENERGY IMPACTS

21-033 North Carolina. Coastal Management Program.

The Pollution-Related Microbiology of the New River Estuary. Bane, G. W. and C. Roznowski. 67 pp. June 1981.

Provides results, analysis and discussion of water pollution, its effects

21-033 North Carolina. Coastal Management Program. (continued)

on the microbiology of the estuary as well as implications for fisheries.

ISSUES/PROBLEMS; CONFLICTING USES; FISH/FISHERIES; ESTUARIES; WATER POLLUTION

21-034 North Carolina. Coastal Management Program.

City Land Use Plan Updates:

Akoshie		
Atkinson	1980	50 pp.
Atlantic Beach		
Aurora		
Bath		
Beaufort		
Belhaven		
Burgaw	1981	Multi-pp.
Mesic	June 1981	Multi-pp.
Cape Cateret	September 1981	62 pp.
Carolina Beach		
Caswell Beach		
Chocowinity		
Edenton	1981	57 pp.
Elizabeth City		
Emerald Isle	1981	Multi-pp.
Havelock		
Hertford		
Holden Beach	March 1981	98 pp. Maps.
Holly Ridge	1981	46 pp.
Indian Beach		
Jacksonville		
Kill Devil Hills		
Kure Beach	October 1980	32 pp. Appendices.
Long Beach	1981	Multi-pp.
Manteo	August 1981	58 pp.
Mesic	June 1981	Multi-pp.
Minnesott Beach	1981	61 pp.
Morehead City		
Nags Head		
Navassa	August 1981	27 pp.
Newport	1981	42 pp.
New Bern	October 1981	48 pp. Appendix.
Ocean Isle Beach	1981	61 pp
Pine Knoll Shores		
Plymouth	1981	52 pp. Maps.
Richlands		
Shallotte	1981	79 pp.
Southern Shores	August 1980	67 pp.
Southport		

21-034 North Carolina. Coastal Management Program. (continued)

Sunset Beach	1980	38 pp.	
Surf City	1981	35 pp.	Appendices.
Swansboro			
Topsail Beach	December 1980	38 pp.	Appendices.
Trent Woods			
Washington			
Windsor			
Winton			
Wrightsville Beach	February 1981	45 pp.	Appendix.
Yaupon Beach			

Presents the updated land use plan for coastal zone towns. Plans are updated every five years. Plans include a community profile, existing land use survey and analysis as well as preferred uses. A program for citizen participation is discussed as are policy development and mapping of existing and future land uses.

BOUNDARIES; RECREATION/TOURISM; ISSUES/PROBLEMS; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; CONFLICTING USES; CRITICAL AREAS; HOUSING; LAND/WATER USE; PERMISSIBLE USES; PERMITS/PERMITTING; PUBLIC ACCESS; PUBLIC PARTICIPATION

21-035 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

An Assessment of Potential Impacts of Energy-Related Transportation on North Carolina's Coastal Zone. Tschetter, P. D., et. al. Dept. of Natural Resources & Community Development. Raleigh, NC. 120 pp. July 1981.

Presents and evaluates the socioeconomic and environmental impacts of OCS onshore support bases and coal export terminals in the coastal zone of NC. Also includes detailed statistical descriptions of the socioeconomic baselines of the ten coastal counties most involved with proposed new energy facilities.

ENVIRONMENTAL IMPACT; SOCIOECONOMICS; COAL TRANSPORTATION/STORAGE; ENERGY FACILITY SITING; OCS; OIL AND GAS; RECREATION/TOURISM; REGIONAL IMPACTS; POPULATION; WATER POLLUTION

21-036 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

A Study of OCS Onshore Support Bases and Coal Export Terminals. Cribbins, P. D. Dept. of Natural Resources & Community Development. Raleigh, NC. 73 pp. August 1981.

Presents and evaluates alternative locations for onshore OCS support bases and

21-036 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program). (continued)

coal export terminals.

COAL TRANSPORTATION/STORAGE; ENERGY FACILITY SITING; OCS; OIL AND GAS; PORTS/ WATERFRONTS; ENVIRONMENTAL IMPACT

21-037 North Carolina. Department of Natural Resources (Coastal Energy Impact Program).

OCS Development and the North Carolina Coast: A Guide to Local Planners. Brower, D. J., et. al. 256 pp. August 1981.

A guide with information on the facilities and activities associated with OCS oil and gas development, their impacts on coastal communities and how local governments can manage these impacts.

OCS; OIL AND GAS DEVELOPMENT; SOCIOECONOMICS; ENVIRONMENTAL IMPACT

21-038 North Carolina. Department of Natural Resources (Coastal Energy Impact Program).

An Analysis of State and Federal Policies Affecting Major Energy Projects in North Carolina's Coastal Zone. Cribbins, P. S. Multi-pp. September 1981.

Identifies and describes the policy framework which governs the development of coal export terminals and onshore support bases for OCS oil and gas exploration. Requirements for environmental impact analysis are disussed as well as permitting authority by Federal and state agencies.

COAL TRANSPORTATION/STORAGE; OCS; ENVIRONMENTAL IMPACT; ENERGY; PERMITS/ PERMITTING

21-039 North Carolina. Department of Natural Resources (Coastal Energy Impact Program).

Coastal Energy Transportation Study: An Analysis of Transportation Needs to Support Major Energy Projects in North Carolina's Coastal Zone. Hauser, E. W., et. al. Multi-pp. September 1981.

Identifies and documents the transportation needs necessary to support energy projects proposed for coastal North Carolina.

ENERGY; TRANSPORTATION; OCS

21-040 North Carolina. Department of Natural Resources & Community Development (Coastal Energy Impact Program).

Natural Areas Inventory for Pender County, NC. Leonard, S. W. and R. J. Davis. Dept. of Natural Resources & Community Development. Raleigh, NC. Multi-pp. Ocotber 1981.

Inventory of significant natural areas, including full biological descriptions and recommendations for preservation priority and management.

COASTAL INVENTORIES; CRITICAL AREAS; VEGETATION; WETLANDS; WILDLIFE

21-041 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Natural Areas Inventory of Brunswick County, NC. Nyfong, T. D. Dept. of Natural Resources & Community Development. Raleigh, NC. Multi-pp. October 1981.

Inventory of significant natural areas, including full biological descriptions and recommendations for preservation priority and management.

COASTAL INVENTORIES; CRITICAL AREAS; VEGETATION; WETLANDS; WILDLIFE

21-042 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Natural Areas Inventory of Carteret County, NC. Fussell, J. and E. J. Wilson. Dept. of Natural Resources & Community Development. Raleigh, NC. Multi-pp. October 1981.

Inventory of significant natural areas, including full biological descriptions and recommendations for preservation priority and management.

COASTAL INVENTORIES; CRITICAL AREAS; VEGETATION; WETLANDS; WILDLIFE

21-043 North Carolina. Department of Natural Resources (Coastal Energy Impact Program).

Natural Areas Inventory of Tyrrell County, NC. McDonald, C. B. and A. M. Ash. Dept. of Natural Resources & Community Development. Raleigh, NC. Multi-pp. October 1981.

Inventory of significant natural areas in Tyrrell County, a county in northeastern North Carolina with large peat deposits.

COASTAL INVENTORIES; CRITICAL AREAS; VEGETATION; WETLANDS; WILDLIFE; OPEN SPACE

21-044 North Carolina. Office of Coastal Management.

Land Clearing in the Coastal Plain. Clark, J. R. 92 pp. Raleigh, NC. October 1981.

An assessment of land conversion in the coastal lowlands of North Carolina by clearing and draining techniques.

COASTAL RESOURCES; LAND/WATER USE

21-045 North Carolina. Department of Natural Resources and Community Development.

Coal Export in North Carolina: A Review of the Issues. 150 pp. Raleigh, NC. October 1981.

A review of issues to be faced in North Carolina as coal export plans mature.

COAL TRANSPORTATION/STORAGE; WATER QUALITY; AIR QUALITY; FISH/FISHERIES; LAND/WATER USE

21-046 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Effects of Upland Drainage on Estuarine Nursery Areas of Pamlico Sound, NC. Pate, P. P. and R. Jones. Dept. of Natural Resources & Community Development and Univ. of North Carolina Sea Grant College. Raleigh, NC. 24 pp. December 1981.

Measures effects of upland drainage on primary nursery areas of northern Pamlico Sound, NC. Three years of salinity and fisheries samples are analyzed for effects of freshwater runoff on shrimp and five other commercial species. Altered and unalteerd sites were compared. Productivity of all species was significantly higher at unaltered sites each year.

WETLANDS; ESTUARIES; FISH/FISHERIES; WATER QUALITY

21-047 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Pocosin Wetlands: an Integrated Analysis of Coastal Plain Freshwater Bogs in North Carolina. Richardson, C. J. (ed.). Hutchinson, Ross. Stroudsburg, PA. 365 pp. 1981.

Proceedings of the 1980 Pocosins Conference sponsored by Duke University and co-sponsored by the NC Dept. of Natural Resources and Community Development. Presents chapters on natural history and geology of pocosins, peat resources, peat utilization, wildlife, agricultural and sylvicultural conversion, and wetland management.

21-047 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program). (continued)

AGRICULTURE; BIBLIOGRAPHY; CONSERVATION; CRITICAL AREAS; DEVELOPMENT; ENERGY; ENERGY IMPACTS; ENVIRONMENTAL IMPACT; ESTUARIES; FISH/FISHERIES; FORESTRY; GEOLOGY; HYDROLOGY; LAND/WATER USE; PLANNING/MANAGEMENT; REGIONAL IMPACT; RESOURCE PROTECTION; SPECIAL AREAS MANAGEMENT; VEGETATION; WETLANDS; WILDLIFE

21-048 North Carolina. Coastal Management Program.

Beach Access Designs: Wrightsville Beach, NC. 6 pp. 1981.

Presents a summary of a beach access plan and specific designs to implement it. Provided are designs and cost estimates for two alternatives.

BEACHES/DUNES; PUBLIC ACCESS

21-049 North Carolina. Coastal Management Program.

Review and Revision of the Management System of Holden Beach, NC. 67 pp. 1981.

Presents a review of policies and objectives, zoning ordinances and an environmental impact statement for a municipality selecting a land use management system.

ISSUES/PROBLEMS; PERMISSIBLE USES; ZONING

21-050 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Alternative Technologies for Transporting and Handling Export Coal. Cribbins, P. D. and R. D. Latta. Dept. of Natural Resources & Community Development. Raleigh, NC. 63 pp. January 1982.

Addresses new technologies for coal movement which are alternative to direct train-to-ship systems. Systems considered are slurry pipelines, pnuematic pipelines, conveyors, midstream transfer, barge-carrying vessels, shallow-draft vessels, and offshore deepwater concepts.

COAL TRANSPORTATION/STORAGE; ENERGY FACILITY SITING; PORTS/WATERFRONTS

21-051 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program).

Area Development Plan for Radio Island (Carteret County, NC). Roberts and Eichler Assoc., Inc. Dept. of Natural Resources & Community Development. Raleigh, NC. 100 pp. June 1982.

21-051 North Carolina. Dept. of Natural Resources & Community Development (Coastal Energy Impact Program). (continued)

Report commissioned by the NC Coastal Resources Commission in response to proposed major coal export terminals on Radio Island near Morehead City, NC. Presents alternative types of development for Radio Island and compares their impacts on natural resources and regional development.

PORTS/WATERFRONTS; COAL TRANSPORTATION/STORAGE; ENERGY FACILITY SITING; OCS PLANNING/MANAGEMENT; DEVELOPMENT

21-052 North Carolina. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

State of North Carolina Coastal Management Program and Final Environmental Impact Statement. North Carolina Department of Natural Resources and Community Development, and U.S. National Oceanic and Atmospheric Administration. 292 pp. No Date. (CZIC)

This document includes a summary of the final Environmental Impact Statement (EIS), the North Carolina Coastal Plan, and the complete EIS. The Coastal Plan contains an account of program development, the focus of the program, coastal zone boundaries, authorities for coastal management, and processes for ongoing management.

PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION; BOUNDARIES

21-053 North Carolina. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

State of North Carolina Coastal Management Program and Final Environmental Impact Statement. Addendum. North Carolina Department of Natural Resources and Community Development, and U.S. National Oceanic and Atmospheric Administration. 151 pp. No Date. (CZIC)

Contains additions to Appendix B: state guidelines for local planning and for areas of environmental concern (AEC) and coastal AEC maps, and to Appendix D: intergovernmental involvement and public participation. Also includes a revision of Appendix E: excluded federal lands and a revision and addition to Appendix F: criteria for local implementation and enforcement plans.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; STATE-LOCAL COORDINATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION; FEDERAL AGENCIES; MAPS/MAPPING

21-054 North Carolina. Office of Coastal Management.

Key to Computer Printout of Coast Analysis. Coastal Research Associates. 40 pp. Charlottesville, VA. No Date.

21-054 North Carolina. Office of Coastal Management. (continued)

A key to extensive computer data for erosion along the North Carolina coast.

EROSION/SEDIMENTATION

21-055 North Carolina. North Carolina Department of Natural Resources and Community Planning.

Brunswick County: Thoroughfare Plan. Brunswick County Planning Department. Brunswick County, NC. 18 pp. No Date. (CZIC)

This plan enables the county to be involved in the selection of improvements and new construction of its highways. If adopted by the Department of Transportation and Highway Safety, it wil become a part of the state's transportation plan for Brunswick County. The objectives of the plan are to develop short range, high priority rights-of-way, priorities for county road improvements, priorities for new road construction, and association between the adopted land use plan and transit priorities.

TRANSPORTATION; LAND/WATER USE

22-001 Ohio. Department of Natural Resources. Shoreland Management Section.

Lake Erie Shore Zone Management Newsletter. Columbus, OH. Multi-pp. July 1974 - June 1975.

Includes four separate newsletters describing issues and actions affecting Ohio's Lake Erie coastal zone. Emphasis is placed on the role of Ohio's Coastal Zone Management program.

PUBLIC PARTICIPATION; ISSUES/PROBLEMS; PROGRAM DESCRIPTION

22-002 Ohio. Department of Natural Resources.

Development of an economic-environmental impact assessment model to the State of Ohio. Minshal, C., et. al. Columbus, OH. Multi-pp. July 1975. (CZIC)

Presents an impact assessment or planning tool which provides objective, systematic, comprehensive, yet inexpensive indications of the economic, demographic, environmental, and energy impacts associated with specific programs and policies. A computer DEMOS model is proposed.

ECONOMICS; ENERGY; PLANNING/MANAGEMENT

22-003 Ohio. Department of Natural Resources.

Lake Erie Shore Zone Management Program. Legal and administrative analysis. Sub-program I.B. Boukalik, W. T. and P. S. Lefkowitz. Cleveland, OH. 219 pp. 1976. (CZIC)

Includes an analysis of the legal and administrative arrangements underlying state, regional, and local planning and management in Ohio, and the development of recommendations regarding legislative and administrative changes required to implement the program.

LAWS & LEGISLATION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION; ZONING

22-004 Ohio. Department of Natural Resources.

The Beacon. Kasselmann, C. L., editor. Columbus, OH. Multi-pp. Winter 1976 to present.

This 6-8 page quarterly newsletter replaces the former Lake Erie Shore Zone Management newsletter and covers topics of interest to coastal residents, users and governing agencies.

EDUCATION; ISSUES/PROBLEMS

22-005 Ohio. Department of Natural Resources.

Air and Water Quality Analysis. Columbus, OH. Multi-pp. January 1977.

Describes the operations, trends, data and analysis of air and water pollution and quality along the nine counties bordering Lake Erie.

AIR-RESOURCES; COASTAL WATERS; REGIONAL IMPACT; WATER POLLUTION; WATER QUALITY; LAND/WATER USE

22-006 Ohio. Department of Natural Resources.

Resources of the Lake Erie Island Region. Cooper, C. L. and C. E. Herdendorf. Columbus, OH. 222 pp. May 1977.

Provides descriptions and resource analysis of the Lake Erie Islands, their geology, hydrology, history, biota, climate, erosion, recreation, and demography.

CLIMATE/WEATHER; RECREATION/TOURISM; COASTAL RESOURCES; EROSION/SEDIMENTATION; GEOLOGY; VEGETATION; WILDLIFE

22-007 Ohio. Department of Natural Resources.

Natural Areas Survey, Volume One: Ashtabula County. Walton, T. and C. Kasselemann. 28 pp. April 1977.

Presents a compilation of research conducted during surveys of 13 scenic areas, marshes, woodlands, beaches, and streams found within 1,000 meters of the Lake Erie shoreline in Ashtabula County.

BEACHES/DUNES; AESTHETICS; COASTAL RESOURCES; VEGETATION; WATER RESOURCES; WETLANDS

22-008 Ohio. Department of Natural Resources.

Natural Areas Survey, Volume Two: Lake Cuyohoga and Lorain Counties. Walton, T. and C. Kasselmann. Columbus, OH. 33 pp. July 1977.

An inventory of scenic areas, marshes, woodlands, beaches and tributary streams of the eastern lake shore region.

COASTAL INVENTORIES; BEACHES/DUNES; COASTAL RESOURCES; CRITICAL AREAS; AESTHETICS

22-009 Ohio. Department of Natural Resources.

Natural Areas Survey, Volume Three: Erie, Sandusky, Ottawa and Lucas Counties. Walton, T. C. Kasselmann. Columbus, OH. 66 pp. August 1977.

An inventory of scenic areas, marshes, woodlands, beaches and tributary streams of the western lake shore region.

COASTAL INVENTORIES; BEACHES/DUNES; COASTAL RESOURCES; CRITICAL AREAS

22-010 Ohio. Department of Natural Resources.

Ohio's Lake Ports: Facilities, Cargo and Problems. Vogel, T. Columbus, OH. 59 pp. September 1977.

Summarizes findings on port facilities, their problems and future needs.

DEVELOPMENT; INDUSTRY/COMMERCE; ISSUES/PROBLEMS; REGIONAL IMPACT; FACILITY SITING; PORTS/ WATERFRONTS; SHIPPING

22-011 Ohio. Department of Natural Resources.

Coastal Hazards: Recession, Erosion and Flooding. Carter, C. H. and B. E. McPherson. Columbus, OH. 50 pp. October 1977.

Gives county by county shoreline descriptions of shore processes, changes, structures, beaches and recession rates. Also discusses flooding problems and management considerations.

BEACHES/DUNES; PLANNING/MANAGEMENT; EROSION/SEDIMENTATION; FLOODS/ FLOODING

22-012 Ohio. Department of Natural Resources.

Lake Erie Fisheries and Their Interaction with Dredge Spoil Sites, Summary. Columbus, OH. 10 pp. December 1977.

Summarizes a technical report on Lake Erie fish and gives recommendations for dredge spoil sites. Full report with maps available in limited supply.

COASTAL RESOURCES; COASTAL WATERS; ISSUES/PROBLEMS; DREDGING; POLLUTION

22-013 Ohio. Great Lakes Basin Commission/Ohio Department of Natural Resources.

The Role of Vegetation in Shoreline Management: A Guide for Great Lakes Shoreline Property Owners. Clemens, R. H. 32 pp. 1977.

22-013 Ohio. Great Lakes Basin Commission/Ohio Department of Natural Resources. (continued)

Provides a view of shoreline erosion problems, why they develop and how property owners can identify and remedy shoreline problems.

EDUCATION; ISSUES/PROBLEMS; REGIONAL IMPACT; EROSION/SEDIMENTATION; LAND/WATER USE; NATURAL HAZARDS

22-014 Ohio. Department of Energy (Coastal Energy Impact Program).

The City of Conneaut Coastal Energy Impact Program. 44 pp. Conneaut Dept. of Housing, Planning, and Community Development. Conneaut, OH. 1979.

Report considers the general development of the Port of Conneaut identification and analysis of impacts from coal dock expansion, mitigation measures, and development policies along the Lake Erie coast.

COAL TRANSPORTATION/STORAGE; DEVELOPMENT; PORTS/WATERFRONTS

22-015 Ohio. Coastal Zone Management Program.

Maumee Waterfront Land Use Study. Toledo-Lucas County Planning Commissions. Multi-pp. March 1980.

Presents a feasible development for the Middleground, waterfront area.

WATERFRONT DEVELOPMENT

22-016 Ohio. Coastal Zone Management Program.

Lorain Harbor Recreation Area, Hydralic Investigations, Wave Protection Analysis. Lorain Port Authority. Multi-pp. April 1980.

Provides a study for site protection system for a recreational boating harbor at Lorain Harbor.

EROSION/SEDIMENTATION; RECREATION/TOURISM

22-017 Ohio. Department of Energy (Coastal Energy Impact Program).

Conneaut Parks Redevelopment Project. 41 pp. October 1981.

Provides an analysis of coastal energy facilities and their relationship to recreational facilities. The analysis will provide data to establish guidelines for parks redevelopment and in mitigating the effects of energy facility siting.

22-017 Ohio. Department of Energy (Coastal Energy Impact Program). (continued)

FACILITY SITING; ENERGY; RECREATION/TOURISM; PLANNING/MANAGEMENT

22-018 Ohio. Department of Energy (Coastal Energy Impact Program).

Environmental Impact Analysis Report, Cuyahoga County Resource Recovery Facility. Cuyahoga County Regional Planning Commission. Cleveland, OH. 257 pp. October 1981.

Provides a determiniation of potential environmental and economic impacts associated with the plant and appropriate mitigation measures for a facility converting up to 2000 tons per day of solid waste into steam.

ENERGY IMPACTS; REGIONAL IMPACT

22-019 Ohio. Department of Energy (Coastal Energy Impact Program).

Lake Erie Shoreline Historical Survey: Lucas-Ottawa-Ashtabula Counties. 151 pp. December 1981.

Provides a detailed inventory of historic properties to aid in analyzing potential conflicts between energy development and historical preservation. Survey suggests potential remedial actions.

COASTAL INVENTORIES; CONFLICTING USES; CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT

22-020 Ohio. Department of Energy (Coastal Energy Impact Program).

Limnological Study of Old Woman Creek National Estuarine Sanctuary for Collection of Baseline Data. 50 pp. December 1981.

Presents unanalyzed baseline water quality and algal composition data from samples collected in creek and estuarine waters. Water samples were measured for various nutrient and organic matter concentrations. Algae were sampled for information on distribution and abundance.

WATER QUALITY; ESTUARIES

23-001 Oregon. Coastal Conservation and Development Commission.

Fish and Wildlife Resources Oregon Coastal Zone. Oregon Wildlife Commission and Fish Commission of Oregon. Salem, OR. 70 pp. Maps. October 1974.

Catalogues fish and wildlife habitats in the Oregon coastal zone and identifies some of the typical plants and animals found in them. Habitats reviewed include those offshore, in estuaries, in freshwater, and in the uplands. Maps, species lists and other relevant information appends the report.

WILDLIFE; VEGETATION; COASTAL INVENTORIES; MARINE BIOLOGY; ESTUARIES

23-002 Oregon. Coastal Conservation and Development Commission.

Geologic Hazards Inventory of the Oregon Coastal Zone. Oregon Department of Geology and Mineral Industries. (Portland, Oregon). Miscellaneous Paper 17. Salem, OR. 94 pp. 1974.

Provides information concerning geologic hazards in the Oregon coastal zone. Topics examined include erosion, deposition, hill slides, groundwater hazards, soils, bedrock, flooding and earthquakes.

NATURAL HAZARDS; GEOLOGY; COASTAL INVENTORIES; SEDIMENTATION/EROSION; GROUNDWATER; FLOODS/FLOODING

23-003 Oregon. Coastal Conservation and Development Commission.

Progress Report - January 1975. Florence, OR. 209 pp. February 1975. (CZIC)

Outlines the progress of the Oregon Coastal Conservation and Development Commission from July 1, 1971 to December 31, 1974 and briefly summarizes the content of the final report to be submitted to the legislature. Includes funding, work program, chronology of specific commission activities, projected work program and appendix.

ECONOMICS; GOALS/OBJECTIVES; PERMISSIBLE USES; PROGRAM DEVELOPMENT

23-004 Oregon. Coastal Conservation and Development Commission.

Final Report. Salem, OR. 438 pp. March 1975.
Summary Final Report, 1975. 37 pp. Salem, OR. March 1975 (CZIC)

Presents Oregon's coastal resources management program. Chapters describe the programs' policy development process; the developed policies, recommendations and background for 42 topics; proposed implementation methods; areas of critical state concerns; and the role of information in the OCC and DC programs.

23-004 Oregon. Coastal Conservation and Development Commission. (continued)

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT; CULTURAL/HISTORICAL RESOURCES; AESTHETICS; COASTAL RESOURCES; NATURAL HAZARDS; FLOODS/FLOODING; RECREATION/TOURISM; WATER RESOURCES; ESTUARIES; TRANSPORTATION; OCS; ENERGY; AGRICULTURE; CRITICAL AREAS; WILDLIFE; URBAN AREAS; BOUNDARIES; BEACHES/DUNES; COASTAL INVENTORIES; LAWS AND LEGISLATION; WETLANDS; LAND/WATER USE

23-005 Oregon. Land Conservation and Development Commission.

Oregon Coastal Management Program: Supplemental Listing of State Statutes. Salem, OR. Multi-pp. 1976. (CZIC)

Gives listing of state laws (and statutes) pertaining to Oregon's coastal zone which Oregon is relying upon to implement its coastal management program.

LAWS AND LEGISLATION; ENERGY LAWS AND LEGISLATION; PERMISSIBLE USES

23-006 Oregon. Land Conservation and Development Commission.

Oregon Coastal Management Program 1976. Salem, OR. 464 pp. Map. 1976. (CZIC)

Describes Oregon's management program for its coastal resources. Identifies boundaries of the coastal zone, as well as land and water uses which would have a significant impact on the coastal resources; inventories and designates areas of particular concern, and describes the organizational structure to implement the management program including responsibilities and interrelationships of local, area wide, state, regional and interstate agencies in the management process.

GOALS/OBJECTIVES; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT

23-007 Oregon. Land Conservation and Development Commission.

Coordinated Planning: School Facilities and Land Use (Project Summary). Lincoln County School District. Salem, OR. 51 pp. August 1978.

This report is intended to aid planners in coordinating special district planning activities with the land use planning activities of the county, cities, and state agencies.

LAND/WATER USE; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

23-008 Oregon. Department of Land Conservation and Development.

State of Oregon Shorefront Access and Preservation Planning Process. Description of Existing Programs and Policies for Shorefront Access and Protection. Economic Consultants Ltd. Salem, OR. 108 pp. Bibliography. September 1978.

This report includes a description of the existing policies and programs for providing public access to and protection of public beaches and other public coastal areas. The description is organized by level of government (state, local, Federal), by agency or organization and by specific programs or policies administered by the agency or organization.

PUBLIC ACCESS; STATE-LOCAL COORDINATION; FEDERAL AGENCIES; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

23-009 Oregon. Department of Land Conservation and Development.

State of Oregon Shorefront Access and Preservation Planning Process: Evaluation of Existing Programs and Policies for Shorefront Access and Protection. Economic Consultants Oregon, Ltd. Salem, OR. 48 pp. September 1978.

This report represents the second and final part of the review of Oregon's Shorefront Access Preservation Planning Process. The first part involved an identification of existing shorefront access and protection policies and programs as well as suggestions for improvements. Specifically, this report contains a discussion of whether or not the identified programs, policies and planning processes satisfy the requirements of the Statewide Planning Goals.

PUBLIC ACCESS; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

23-010 Oregon. Department of Land Conservation and Development.

State of Oregon Shorefront Access and Preservation Planning Process. Executive Summary. Economic Consultants Oregon, Ltd. Salem, OR. 15 pp. September 1978.

This executive summary briefly presents the major findings of the study of existing policies and programs for providing public access to and protection of public beaches and other public areas. The summary is presented in three topical divisions which correspond to the contents of the original two reports.

PUBLIC ACCESS; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

23-011 Oregon. Department of Land Conservation and Development.

Energy Facilities in the Oregon Coastal Zone - Part I: The Planning Process. Part II: Likelihood of Energy Facility Siting. Mathematical Sciences

23-011 Oregon. Department of Land Conservation and Development. (continued)

Northwest Inc. Salem, OR. Part I 40 pp. Part II 78 pp. Bibliography. September 1978.

This report was developed to document the existing planning process and to identify energy facilities likely to locate in the coastal zone. Part I explains and evaluates the current planning process for energy facilities in Oregon. Part II is an analysis of energy facilities which are likely to locate in, or which may significantly affect the state's coastal zone.

PLANNING/MANAGEMENT; ENERGY FACILITY SITING; REGIONAL IMPACT

23-012 Oregon. Land Conservation and Development Commission.

Oregon Coastal Management Program: Shoreline Erosion Management Policies and Procedures. Volume 1. State Soil and Water Conservation Commission. Salem, OR. 113 pp. September 1978.

This report summarizes the State Soil and Water Conservation Commission's examination of the Oregon coastal management program's policies and procedures relating to the management of shoreline erosion.

PROGRAM DESCRIPTION; SEDIMENTATION/EROSION; BEACHES/DUNES; PLANNING/MANAGEMENT; ISSUES/PROBLEMS

23-013 Oregon. Land Conservation and Development Commission.

Inventory: Oregon Coastal Shoreline Erosion. Volume 2. Stembridge, J. and T. Bayless. State Soil and Water Conservation Commission. Salem, OR. 109 pp. September 1978.

This summary of Oregon's shoreline erosion patterns and processes is part of the State Soil and Water Conservation Commission's evaluation of shoreline erosion management within the Oregon coastal zone.

COASTAL INVENTORIES; SEDIMENTATION/EROSION; BEACHES/DUNES; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

23-014 Oregon. Governor's Task Force on OCS Oil and Gas Development.

Oregon and Offshore Oil. Oregon State University Sea Grant College Program. Salem, OR. 54 pp. September 1978.

This report examines Oregon's energy and fuel needs, potential sources for meeting those needs and the socioeconomic factors associated with offshore oil and gas exploration.

ENERGY; SOCIOECONOMICS; OCS; PETROLEUM INDUSTRY

23-015 Oregon. Oregon Land Conservation and Development Commission.

Statewide Planning Goals and Guidelines. Salem, OR. 24 pp. 1978.

The 19 goals in this tabloid were adopted after extensive citizen involvement in public workshops and hearings. These goals are applied and implemented through a comprehensive plan.

GOALS/OBJECTIVES; PUBLIC PARTICIPATION

23-016 Oregon. Department of Land Conservation and Development.

Shoreline Erosion: An Annotated Bibliography on Beaches and Dunes. Prepared by the Oregon Coastal Zone Management Association. Salem, OR. 22 pp. 1978.

Lists the relevant published works on shoreline erosion in Oregon and gives brief annotation.

BIBLIOGRAPHY; SEDIMENTATION/EROSION; BEACHES/DUNES

23-017 Oregon. Department of Land Conservation. Oregon OCS Oil and Gas Development Task Force.

The Development of Petroleum Resources from the Outer Continental Shelf: Legal Management Problems and Capabilities in Oregon. Salem, OR. Multi-pp. January 1979.

This presents a series of reports to the Governor's Outer Continental Shelf Oil and Gas Development Task Force on legal issues associated with the development of petroleum resources and associated facilities. It is intended for the use of the members of the Task Force and other interested persons. The following is the list of reports included in this series:

1. OCS Oil and Gas Development: Jurisdiction, Administration and Management Systems. Prepared by William Tufts. 46 pp.
2. Federal Pre-emption. Prepared by Deborah Schroth. 17 pp.
3. Federal Consistency. Prepared by James Buck. 49 pp.
4. Offshore Pipelines. Prepared by James Buck. 46 pp.
5. Oil Spills. Prepared by Kenneth Johansen. 43 pp.
6. Oil Tanker Operations. Prepared by Richard Parrish. 28 pp.
7. Ports and Onshore Facilities. Prepared by Martha Evans. 43 pp.
8. Liquefied Natural Gas Facilities. Prepared by Matthew Berger. 67 pp.

LAWS AND LEGISLATION; DEVELOPMENT; FEDERAL CONSISTENCY; OCS; INDUSTRY/COMMERCE; OIL POLLUTION/EFFECTS; SHIPPING; PORTS/HARBORS; FACILITY SITING; ENERGY; ENERGY LAWS AND LEGISLATION; ENERGY FACILITY SITING; PETROLEUM INDUSTRY

23-018 Oregon. Department of Land Conservation and Development.

Outer Continental Shelf Oil and Gas Development Task Force - Final Report. Salem, OR. 111 pp. Appendices. January 1979.

This final report summarizes the activities of the OCSTF, identifies the state's jurisdiction and interest in the near shore and outer continental shelf waters, and recommends state responses to offshore oil and gas development and related onshore facilities.

OCS; STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT

23-019 Oregon. Department of Land Conservation and Development.

Estuary Inventory Project - Oregon (7 Volumes). Portland, OR. Multi-pp. June 1979.

These seven volumes inventory the physical, social and economic resources of each estuary in sufficient detail to establish a sound basis for estuarine management and to enable the identification of areas for preservation and areas of exceptional potential for development.

COASTAL RESOURCES; COASTAL INVENTORIES; ESTUARIES; CRITICAL AREAS; PLANNING/MANAGEMENT

23-020 Oregon. Department of Land Conservation and Development.

Commercial and Recreational Boating Facilities in Oregon Estuaries: Inventory and Demand Analysis. Salem, OR. 169 pp. June 1979.

This report is an inventory of current moorage and launch facilities on the Oregon coast and an analysis of the future demand for the facilities.

COASTAL INVENTORIES; BOATING; RECREATION/TOURISM; MARINAS; WATER DEVELOPMENT PROJECTS

23-021 Oregon. Department of Land Conservation and Development.

Tideland Mitigation Requirements in the Oregon Estuarine. Parts I and II. Corvallis, OR. Part I, 163 pp. Part II, 123 pp. July 1979.

Part I: Ecological Assessments at the North Bend Airport extension site contains the results of a case study which critically analyzes the technical requirements of the tideland mitigation provision in the Oregon Statewide Estuarine Planning Goal and the implementation and methods given in its guidelines. Part II: Ecological Inventory of Joe Ney Slough Marsh restoration site discusses the minimum amount of information needed when a diked marsh is selected as a mitigation site.

23-021 Oregon. Department of Land Conservation and Development. (continued)

ESTUARIES; PLANNING/MANAGEMENT; WETLANDS; GOALS/OBJECTIVES

23-022 Oregon. Orgeon Coastal Zone Management Association, Inc.

Background of Beach and Dune Planning. May, 1979.
An Introduction to Beach and Dune Physical and Biological Processes. 6 pp.
Beach and Dune Planning and Management on the Oregon Coast: A Summary of the State-of-the-Art. 43 pp.

Provides background materials on beach and dune planning including the physical and biological processes responsible for creation and an overview of local planning efforts.

BEACHES/DUNES; PLANNING/MANAGEMENT; NATURAL HAZARDS

23-023 Oregon. Oregon Coastal Zone Management Association, Inc.

Beach and Dune Identification: A System of Classifying and Identifying Oregon's Coastal Beaches and Dunes. 92 pp. May, 1979.

An analysis of beach and dune identification and classification systems.

COASTAL INVENTORIES; BEACHES/DUNES

23-024 Oregon. Oregon Coastal Zone Management Association, Inc.

Physical and Biological Considerations. May, 1979.
Physical Processes and Geologic Hazards on the Oregon Coast. 72 pp.
Critical Species and Habitats of Oregon's Coastal Beaches and Dunes. 92 pp.

Presents an overview of beach and dune processes and erosion on the coast. Additionally, the critical biological habitats and species are assessed to identify native ecosystem types and rare and endangered organisms in the beach and dune environment.

BEACHES/DUNES; GEOLOGY; CRITICAL AREAS; EROSION/SEDIMENTATION

23-025 Oregon. Oregon Coastal Zone Management Association, Inc.

Management Considerations. May, 1979. (CZIC)
Dune Groundwater Planning and Management Considerations for the Oregon Coast 16 pp.
Off-Road Vehicle Planning and Management on the Oregon Coast. 117 pp.

23-025 Oregon. Oregon Coastal Zone Management Association, Inc. (continued)

Sand Removal Planning and Management Considerations for the Oregon Coast. 45 pp.
Oregon's Coastal Beaches and Dunes: Uses, Impacts and Management Considerations. 79 pp.
Dune Stabilization and Restoration: Methods and Criteria. 40 pp.

Presents an overview of groundwater planning and management considerations necessary in beach an dune areas, ORV use management, sand removal activities, appropriate uses and potential impact of activities, and sand stabilization methods.

BEACHES/DUNES; RECREATION/TOURISM; ENVIRONMENTAL IMPACT; PERMISSIBLE USES; RESOURCE PROTECTION; EROSION/SEDIMENTATION; CONFLICTING USES

23-026 Oregon. Oregon Coastal Zone Management Association, Inc.

Implementation Techniques. May, 1979.
Beach and Dune Implementation Techniques: Findings-of-Fact. 7 pp.
Beach and Dune Implementation Techniques: Site Investigation Reports. 27 pp.

Provides a checklist of information necessary for decisionmaking regarding proposed activities and an analysis of site investigation reports for use in evaluating proposals for beach and dune areas.

BEACHES/DUNES; COASTAL INVENTORIES; PLANNING/MANAGEMENT

23-027 Oregon. Oregon Coastal Zone Management Association, Inc.

Beach and Dune Planning and Management: An Annotated Bibliography. 32 pp. May, 1979.

Presents the results of selected references pertaining to planning and managing activites on beaches and dunes.

BIBLIOGRAPHY; BEACHES/DUNES; PLANNING/MANAGEMENT

23-028 Oregon. Department of Land Conservation and Development. (Coastal Energy Impact Program)

Oil Spill Protection Plan for the Natural Resources of the Lower Columbia and Willamette Rivers. Sutherland, G. B. and B. Tombleson. 86 pp. July, 1979. (CZIC)

Identifies and ranks vulnerable resources, designates specific areas for protection and suggests suitable clean-up measures. Maps of resources, containment sites and access points are provided. The plan also suggests necessary

23-028 Oregon. Department of Land Conservation and Development. (Coastal Energy Impact Program) (continued)

technical improvements and data needs.

OIL SPILL PREVENTION; OIL POLLUTION/EFFECTS; RESOURCE PROTECTION

23-029 Oregon. Department of Land Conservation and Development. Department of Geology and Mineral Industries.

Micropaleontological Study of Four Deep Wells in Coos County, OR. McKeel, D. R. 26 pp. Portland, OR. 1979.

This paper evaluates the oil and gas potential of the Coos Basin and the adjacent continental shelf.

GEOLOGY; PETROLEUM INDUSTRY; CAPABILITY/SUITABILITY; DEVELOPMENT

23-030 Oregon. Land Conservation and Development Commission.

Beaches and Dunes Handbook for the Oregon Coast. Oregon Coastal Zone Management Association. Newport, OR. Multi-pp. 1979.

This report conveys the results of an in-depth analysis of planning and implementation techniques to be utilized by the decision-makers, planners and citizens of Oregon's coastal zone.

PLANNING/MANAGEMENT; BEACHES/DUNES

23-031 Oregon. Land Conservation and Development Commission.

Land Use Planning - Goals and Guidelines for the Coastal Zone (Draft Report). Salem, OR. 12 pp. No Date.

This report presented for public hearing, represents a step in the process of establishing land use plans, goals and guidelines for Oregon's coastal zone. Also, gives background information on the development of Oregon's coastal management program.

LAND USE/WATER USE; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT

23-032 Oregon. Land Conservation and Development Commission.

Oregon Port Study: 1980. Executive Summary. Ogdon, Beman and Associates. Land Conservation and Development Commission, the Department of Economic Development and the U. S. Maritime Administration. Multi-pp. 1980.

Provides a cargo handling forecast for Oregon based on existing port facility

23-032 Oregon. Land Conservation and Development Commission. (continued)
capacity and future handling needs for waterborne commerce.
INDUSTRY/COMMERCE; SHIPPING; PORTS/WATERFRONTS

24-001 Pennsylvania. Department of Environmental Resources. Coastal Zone Management Program.

Interrelationships Between the Coastal Zone Management Program and Other Planning Efforts Impacting the Coastal Zone for the Pennsylvania Portion of Lake Erie. Prepared by the Erie Metropolitan Planning Department (Erie, Pennsylvania). Harrisburg, PA. 22 pp. Fall 1975. (CZIC)

Identifies twelve Pennsylvania state and county programs affecting the coastal zone in Erie county and for each identifies its general study area, its purpose, the role played by the Erie Metropolitan Planning Department, its relationship to the coastal zone program, and possible conflicts with CZM.

STATE-LOCAL COORDINATION; PROGRAM DESCRIPTION

24-002 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Identification and Analysis of Lake Erie Coastal Hazard Areas as a Part of the Pennsylvania Coastal Zone Management Program. Prepared by the Great Lakes Research Institute (Erie, Pennsylvania). Harrisburg, PA. Multi-pp. June 1975. (CZIC)

Identifies areas of the coastline that are considered hazard areas. Portions of the document describe contributing physical processes causing erosion and shoreline recession, the results of field reconnaissance, a recession rate analysis, a summary of hazard areas by township and degree of hazard, and conclusions.

EROSION/SEDIMENTATION; NATURAL HAZARDS; COASTAL INVENTORIES

24-003 Pennsylvania. Department of Environmental Resources. Coastal Zone Management Program.

Transportation Systems in the Coastal Zone. Prepared by the Delaware Valley Regional Planning Commission (Philadelphia, Pennsylvania). Harrisburg, PA. 34 pp. October 1975.

Examines the transportation networks within the coastal zone study area of the Delaware River. Systems examined include public transportation (rail, subway and street transit), highways, freight rail, airports and ports.

TRANSPORTATION; PORTS/HARBORS

24-004 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Coastal Resources Analysis. Pennsylvania Portion of the Lake Erie Coastal Zone, Erie County, Pennsylvania. Harrisburg, PA.

24-004 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program. (continued)

Multi-pp. Maps. 1975. (CZIC)

Presents physical, social and economic facts as they presently exist in the Northwestern portion of Lake Erie and projects their cumulative effect by the year 2000. Major sections present a brief description of the area, an inventory of current coastal land and water uses, and inventory of coastal resources, an inventory and analysis of ownership patterns, an analysis of populations, income and employment, an appraisal of existing land and water use patterns, evaluation of land use controls, an inventory of the municipal and use controls and planning, a priority system for the present and potential economic uses of the coastal zone, an inventory and analysis of coastal zone transportation systems and others.

COASTAL INVENTORIES; COASTAL RESOURCES; LAND/WATER USE; DEVELOPMENT; STATE-LOCAL COORDINATION; ZONING; GROWTH; PLANNING/MANAGEMENT; TRANSPORTATION; ECONOMICS; INDUSTRY/COMMERCE; SOCIOECONOMICS

24-005 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Coastal Zone Management Plan: Atlas Descriptions. Harrisburg, PA. Multi-pp. 1975. (CZIC)

Presents individual data sheets for 25 resource parameter maps. Each sheet identifies a map title, a description of the map, its significance, a map summary and the source of the map. The parameters listed are divided equally among environmental and socioeconomic parameters.

MAPS/MAPPING; SOCIOECONOMICS; DEVELOPMENT; COASTAL INVENTORIES

24-006 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Pennsylvania Coastal Zone Management Program. Harrisburg, PA. Brochure. 1975.

Presents a public information brief describing the state's coastal zone management efforts and its goals.

PUBLIC PARTICIPATION

24-007 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Socioeconomic Data for Coastal Zone Planning. Harrisburg, PA. 27 pp. 1975. (CZIC)

24-007 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program. (continued)

Assesses certain demographic and socioeconomic characteristics in the coastal zone boundary. Parameters investigated include population, employment, median income, families with income below poverty level, and housing tenure.

SOCIOECONOMICS; ECONOMICS

24-008 Pennsylvania. Department of Environmental Resources. Coastal Zone Management Program.

Tidings: News of the Pennsylvania Coastal Zone Management Program for the Delaware River. Prepared by the Delaware Regional Planning Commission (Philadelphia, Pennsylvania). A newsletter published quarterly. Volume 1, No. 1. Harrisburg, PA. January 1976. (CZIC)

Provides information on issues and actions affecting the coastal zone of Pennsylvania along the Delaware River. Information on the State Coastal Zone Management Program is provided. (Subsequently produced editions are also available).

ISSUES/PROBLEMS; PROGRAM DESCRIPTION; PUBLIC PARTICIPATION

24-009 Pennsylvania. Department of Environmental Resources. Office of Resource Management. Coastal Zone Management Program.

Geographic Areas of Particular Concern: Areas of Significant Natural Value Within the Pennsylvania Coastal Zone of Lake Erie. Prepared by the Edinboro Foundation (Edinboro, Pennsylvania). Harrisburg, PA. 166 pp. Maps. February 1976. (CZIC)

Provides an analysis of twenty significant natural areas in the Erie County coastal zone. Sites are delineated into preservation areas, conservation areas, and recreation areas. Prime agriculture lands are mapped. Coastal habitats and ecological principles are discussed.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; CRITICAL AREAS; OPEN SPACE; MARINE BIOLOGY; AGRICULTURE; COASTAL INVENTORIES

24-010 Pennsylvania. Pennsylvania Department of Environmental Resources.

Four Environmentally Significant Areas: Delaware Estuary Coastal Zone Working Paper. Prepared by the Delaware Valley Regional Planning Commission. Philadelphia, PA. 50 pp. November 1976. (CZIC)

Presents an in-depth inventory of land and water uses, natural features and socioeconomic characteristics, via an ecological approach, concerning Tinicum Marsh, Little Tinicum Island, the Warner Lakes Area, and Bikes Island. In

24-010 Pennsylvania. Pennsylvania Department of Environmental Resources. (continued)

particular, assesses ecological diversity, succession processes, eutrophication trends, and vulnerability to environmental disturbances. Detailed appendix of natural flora and fauna species is included.

LAND/WATER USE; SOCIOECONOMICS; AESTHETICS; ESTUARIES; VEGETATION

24-011 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Coastal Recreation Analysis. Prepared by the Pennsylvania Coastal Zone Management Program. Harrisburg, PA. 30 pp. Fall 1976. (CZIC)

Identifies needs for outdoor recreation and areas with potential to meet the needs of resident counties and their visitors in the Lake Erie and Delaware Estuary coastal zones of Pennsylvania. Explores recreational issues and use trends in recreation and suitability of supply with regard to public benefit, accessibility, aesthetic/ecological characteristics, demand activity, interest groups and minimum development cost. Outlines policy priorities and implementation strategies.

RECREATION/TOURISM; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

24-012 Pennsylvania. Pennsylvania Department of Environmental Resources.

Pennsylvania Coastal Zone Management Program. Preliminary Draft. Office of Resource Management, Bureau of Resources Programming. Commonwealth of Pennsylvania. Harrisburg, PA. Multi-pp. July 1977. (CZIC)

Comprehensive overview of draft framework for managing both Atlantic and Lake Erie coastal zones. Chapters I - IV cover background data and information including existing conditions, projected trends, problems and issues, and the present institutional framework. Chapter V describes state goals, objectives and policies for coastal management. Chapters VI - IX detail specifics on coastal boundaries, permissible uses, geographic areas of particular concern and priority of uses in the coastal zone. Chapter X presents major concepts of implementation along with suggested roles for state and local governments and coastal zone steering committees. Finally appendices summarize documentation of interagency cooperation, public participation, and interim products generated during the three year planning process.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; GOALS/OBJECTIVES; PLANNING/MANAGEMENT

24-013 Pennsylvania. Governor's Energy Council. Pennsylvania Coastal Zone Management Program of the Pennsylvania Department of Environmental Resources.

Outer Continental Shelf Impact Study. Prepared by the Outer Continental Shelf Impact Study Program Staff. Harrisburg, PA. 15 pp. Appendices. November 1977. (CZIC)

24-013 Pennsylvania. Governor's Energy Council. Pennsylvania Coastal Zone Management Program of the Pennsylvania Department of Environmental Resources. (continued)

Provides information and a data base to assist planning operation of state and local governmental bodies in potential areas of policy-making which may be necessary to facilitate and resolve inherent environmental and economic concerns wherever necessary or involved in Outer Continental Shelf (OCS) activities. Suggests ways of incorporating OCS data into an integrated coastal zone management program. Reviews Pennsylvania's OCS context and synthesizes experiences with OCS-related impacts in other geographical locations. Executive Summary plus two technical appendices and a bibliography.

OCS; STATE-LOCAL COORDINATION; ISSUES/PROBLEMS; PROGRAM DEVELOPMENT; ECONOMICS

24-014 Pennsylvania. Erie County Department of Planning.

Construction Impacts from the U.S. Steel Mill, Erie County, Pennsylvania. Prepared by the Erie County Department of Planning. Erie, PA. 61 pp. August 31, 1979.

U.S. Steel is planning to construct a modern steel manufacturing plant adjacent to its present facility in Conneaut, Ohio. This plant, if built, will significantly change the rural character of Erie County. The report reviews the Corps' DEIS and provides an analysis of possible impacts to the area due to construction. Three key topics discussed are impacts on housing, transportation and government and social services.

INDUSTRY/COMMERCE; REGIONAL IMPACT; ISSUES/PROBLEMS; URBAN AREAS; TRANSPORTATION

24-015 Pennsylvania. Pennsylvania Department of Environmental Resources.

Pennsylvania Coastal Zone Management Program - Executive Summary. Delaware Valley Regional Planning Commission. Prepared for the Office of Resource Management, Coastal Zone Management Branch, Department of Environmental Resources. Harrisburg, PA. 22 pp. September 1979.

Summarizes the pertinent points of the Pennsylvania Coastal Zone Management Program of draft technical record.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT

24-016 Pennsylvania. Pennsylvania Department of Environmental Resources.

Coastal Tidings. Prepared by the Office of Resources Management, Coastal Zone Management Branch, Department of Environmental Resources. Harrisburg, PA. 4 pp. October 1979.

Bi-monthly newsletter dealing with coastal issues. Mailed to all parties interested in learning more about coastal problems and solutions.

24-016 Pennsylvania. Pennsylvania Department of Environmental Resources. (continued)

ISSUES/PROBLEMS; INFORMATION SYSTEMS

24-017 Pennsylvania. Pennsylvania Dept. of Environmental Resources Coastal Zone Management Program.

Twenty Mile Creek Feasibility Study: North East, PA. Hill & Hill Engineers, Inc. 119 pp. June 1980.

Feasibility of developing a public access area to Lake Erie for use as a launching area for boating and fishing in Lake Erie and Twenty Mile Creek. Picnicking and other passive forms of recreation are considered.

PUBLIC ACCESS; RECREATION/TOURSIM; BOATING

24-018 Pennsylvania. Pennsylvania Dept. of Environmental Resources Coastal Zone Management Program.

Elk Creek Public Access Feasibility Study. D. A. Johnson & Assoc. 87 pp. June 1980.

Identifies the feasibility of leasing land from an electric utility company and the development of public access areas to Lake Erie for picnicking, boating, nature trails, and fishing activities.

PUBLIC ACCESS; RECREATION/TOURISM; BOATING

24-019 Pennsylvania. Pennsylvania Dept. of Environmental Resources Coastal Zone Management Program.

McClure Park Feasibility Study. Delta Group. 51 pp. September 1980.

Feasibility study to determine the expansion possibilites of McClure Park for the inland park area and for increased access to the Delaware River for boating, picnicking, play areas and food service facilities.

PUBLIC ACCESS; RECREATION/TOURISM; BOATING

24-020 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Commonwealth of Pennsylvania Coastal Zone Management Program and Final Environmental Impact Statement. PA Coastal Zone Management Program and OCZM. Multi-pp. Appendices. December 1980. (CZIC)

Contains an account of the Program's development, and focus, coastal zone boundaries, authorities for management and processes for ongoing management.

24-020 Pennsylvania. Pennsylvania Coastal Zone Management Program. (continued)

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; FACILITY SITING; FISH/FISHERIES; PUBLIC ACCESS; FEDERAL CONSISTENCY

24-021 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Diamond National Feasibility Study. 83 pp. Appendices. June 1981. (CZIC)

Feasibility study that determines to use a downtown Erie, PA building as a public library and cultural center.

PORTS/WATERFRONTS; DEVELOPMENT; ENGINEERING; CULTURAL/HISTORICAL RESOURCES

24-022 Pennsylvania. Pennsylvania Coastal Zone Management Program.

An Analysis of Soil Erosion, Sedimentation and Stormwater Control in Coastal Counties - Bucks County, PA. 72 pp. June 1981. (CZIC)

Examines existing regulatory mechanisms for erosion and sediment control at the local government level. Also studied are current land use patterns. Projections of future use were made. Provides recommendations on how regulatory process on land use might control erosion and sedimentation more effectively.

LEGAL/INSTITUTIONAL ANALYSIS; LAND/WATER USE; EROSION/SEDIMENTATION

24-023 Pennsylvania. Pennsylvania Coastal Zone Management Program.

An Analysis of Soil Erosion, Sedimentation and Stormwater Control in Coastal Counties - Bucks County, PA. 72 pp. June 1981. (CZIC)

Examines existing regulatory mechanisms for erosion and sediment control at the local government level. Also studied are current land use patterns. Projections of future use were made. Provides recommendations on how regulatory process on land use might control erosion and sedimentation more effectively.

LEGAL/INSTITUTIONAL ANALYSIS; LAND/WATER USE; EROSION/SEDIMENTATION

24-024 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Marina Feasibility Study - Ridley Township, PA. 39 pp. Appendices. July 1981. (CZIC)

Describes a feasibility study to determine the potential for development of a site as a marina, boat ramp and recreation area.

PUBLIC ACCESS; MARINAS; RECREATION/TOURISM; BOATING

24-025 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Master Plan Study - James Armstrong Memorial Park. 14 pp. Maps. July 1981 (CZIC)

Presents a development plan for the park with alternatives. In addition, a plan was prepared to construct and place monuments along the park's boundary.

RECREATION/TOURISM; PUBLIC ACCESS; CULTURAL/HISTORICAL RESOURCES; DEVELOPMENT; PARKS

24-026 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Williamson Park Expansion Project. 82 pp. July 1981. (CZIC)

Examines the feasibility of developing land adjacent to an existing park for recreational use. Development plans are presented with implementation steps and cost estimates.

RECREATION/TOURISM; DEVELOPMENT; PARKS

24-027 Pennsylvania. Pennsylvania Coastal Zone Management Program.

The Tullytown Borough Recreation Plan. 41 pp. September 1981. (CZIC)

Reviews existing recreational facilities, demand for recreation and presents a plan to develop such opportunities.

RECREATION/TOURISM; PLANNING/MANAGEMENT

24-028 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Coastal Zone Development Plan - West Bayfront Area of the City of Erie. 173 pp. September 1981. (CZIC)

Provides a plan to enhance public access to the city waterfront, preserve historical sites, promote economic development and enhance awareness of cultural resources.

PUBLIC ACCESS; PORTS/WATERFRONTS; CULTURAL/HISTORICAL RESOURCES; RECREATION/TOURISM

24-029 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Comprehensive Plan Update - 1981 for Tinicum Township, PA. 34 pp. Appendices. September 1981. (CZIC)

Proposes zoning changes and appropriate land development consistent with the

24-029 Pennsylvania. Pennsylvania Coastal Zone Management Program. (continued)

coastal zone management act. Additionally, the plan attempts to reduce coastal hazards.

ZONING; PROGRAM DESCRIPTION; NATURAL HAZARDS; PLANNING/MANAGEMENT; LAND/WATER USE

24-030 Pennsylvania. Pennsylvania Coastal Zone Management Program.

A Geotechnical Investigation of the Coastal Bluffs of Erie County, PA. Volumes 1 and 2. Multi-pp. September 1981. (CZIC)

Provides baseline information on selected sites for use by state officials to aid property owners in improving coastal zone land management.

GEOLOGY; EROSION/SEDIMENTATION; LAND/WATER USE; PLANNING/MANAGEMENT

24-031 Pennsylvania. Department of Environmental Resources.

Permit Improvement Study. Multi-pp. September 1981. (CZIC)

Study reviews Department of Environmental Resources' permit processing and compliance monitoring programs and recommends improvements to make these activities more efficent and effective.

PERMITS/PERMITTING; LEGAL/INSTITUTIONAL ANALYSIS

24-032 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Feasibility Study for Bikeways - Erie County, PA. 67 pp. September 1981. (CZIC)

Study's the expanded use of a county park for bicycling. Also examined is a means of connecting the proposed bikeway with a nearby park.

RECREATION/TOURISM; PARKS

24-033 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Eagley Park Site Development and Erosion Abatement Plan: Springfield Township, PA. 7 pp. Maps. September 1981. (CZIC)

Details erosion problems and erosion abatement recommendations. Also studied is the feasibility of developing the site as a recreation area.

RECREATION/TOURISM; EROSION/SEDIMENTATION; ENGINEERING; PARKS

24-034 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Erosion and Sediment Control in Delaware County. 21 pp. Appendix. September 1981. (CZIC)

Provides information on problems associated with regulating erosion and sediment control based on legal and institutional analyses of local ordinances and plans.

EROSION/SEDIMENTATION; LEGAL/INSTITUTIONAL ANALYSIS; LAWS & LEGISLATION

24-035 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Low Cost Shore Protection: Design Criteria, Adverse Impacts, Expected Results and Model; Municipal Ordinances. Knuth, P. 197 pp. September 1981. (CZIC)

Reviews erosion protection structures and their effectiveness. Presents design criteria necessary for preventing erosion and a model plan to control erosion.

EROSION/SEDIMENTATION; PLANNING/MANAGEMENT

24-036 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Scott County Park Amphitheater - Engineering and Archaeological Study: Erie County. Massey, A. L. Erie, PA. 92 pp. September 1981.

Feasibility study to determine suitability of constructing an amphitheater in an existing county park. Study provides physical development plans showing site circulation, utilities, land use and relationship of the site amenities. Study plan is further into capital improvements, staging of development, cost estimates, operation and maintenance plans.

RECREATION/TOURISM; URBAN AREAS

24-037 Pennsylvania. Coastal Zone Management Program.

Coastal Zone Development Plan: West Bayfront Area, Erie, PA. 172 pp. September 1981.

Presentation of short and long range plans for the improvement of area for residential and commercial areas. Neighborhood land use survey and evaluation with citizen participation established neighborhood theme for the physical improvements of residential structures and commercial establishments by individual owners. Short and long range programs establish projects to be accomplished to improve the social and economic areas within this area.

URBAN AREAS; SOCIOECONOMICS

24-038 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Resource Protection Plan - The Pennsylvania/Delaware River Coastal Zone. 161 pp. Appendices. October 1981. (CZIC)

Guidebook to aid in identification and preservation of historic and archeological resources. Presented are a listing of implementing agencies, a description of the coastal zone, discussion of the use of the guidebook, the overall planning process as well as the existing resources and preservation alternatives.

CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; RESOURCE PROTECTION

24-039 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Commercial Dredging in the Pennsylvania Waters of Lake Erie. Nagel, W. and P. Knuth. 17 pp. Appendices. October 1981. (CZIC)

Summarizes the dredging activities in Pennsylvania waters of Lake Erie.

DREDGING; WATER QUALITY

24-040 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Coastal Zone Management/Industrial Sites Study. Phase 1. Multi-pp. November 1981. (CZIC)

Presents a report of a study to help revitalize regional industrial capacity by selecting suitable sites for short-term redevelopment and/or reuse. Phase 1 relies on data gathering on potential sites and subjective input by a coordinating committee to select appropriate sites.

INDUSTRY/COMMERCE; DEVELOPMENT; LAND/WATER USE

24-041 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Bristol Township Marina Feasibility Study. 75 pp. Appendix. 1981. (CZIC)

Feasibility study to establish a sailboat marina. Examines past and projected use of the site, inventories the environment and presents a plan to implement development.

RECREATION/TOURISM; BOATING; MARINA; DEVELOPMENT

24-042 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Environmental Awareness 81 - Energy Impacts Upon Our Environment. Multi-pp. 1981. (CZIC)

24-042 Pennsylvania. Pennsylvania Coastal Zone Management Program. (continued)

Summarizes a summer program for primary and secondary school students to increase their awareness and involvement with the environment and associated problems of management such as energy.

PUBLIC PARTICIPATION; ENERGY; ISSUES/PROBLEMS; ENVIRONMENTAL IMPACT

24-043 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Coastal Erosion Inventory - Harbor Creek Township, PA. 26 pp. Appendices. 1981. (CZIC)

Shoreline resources were inventoried and erosion processes noted. Existing erosion control measures were evaluated and recommendations for further control measures are proposed.

COASTAL INVENTORIES; EROSION/SEDIMENTATION; PLANNING/MANAGEMENT

24-044 Pennsylvania. Pennsylvania Coastal Zone Management Program.

South Delaware Waterfront District Plan. 78 pp. 1981. (CZIC)

Provides analysis of issues and recommendations for land use, zoning, urban design, transportation and other physical improvements for the waterfront district of Philadelphia.

LAND/WATER USE; ZONING; TRANSPORTATION; PORTS/WATERFRONTS; ISSUES/PROBLEMS

24-045 Pennsylvania. Pennsyslvania Coastal Zone Management Program.

Otter Creek Marina Feasibility Study. 68 pp. Appendices. 1981. (CZIC)

Reports on a feasibility study to construct and operate a public marina and adjoining recreation area at the confluence of Otter Creek and the Delaware River. Provides a site inventory, market analysis and cost estimates for the development.

RECREATION/TOURISM; MARINAS; ENGINEERING; SOCIOECONOMICS; DEVELOPMENT

24-046 Pennsylvania. Pennsylvania Coastal Zone Management Program.

Elk Creek Bank Stabilization and Rechannelization: Lake City Borough. 25 pp. June 1982.

The development of a design for bank stabilization and possible rechannelization in a highly erodable area of Elk Creek.

EROSION/SEDIMENTATION

25-001 Rhode Island. University of Rhode Island.

Artificial Islands and Installations in International Law. Soons, A. H. A. Occasional Paper Number 22. Kingston, RI. 30 pp. July 1975. (CZIC)

Discusses some of the international legal aspects involved in the construction and operation of offshore facilities and offers some suggestions with respect to their future regulations.

FACILITY SITING; OCS; LAWS & LEGISLATION

25-002 Rhode Island. Statewide Planning Program.

A Land Classification System Model for the Rhode Island Coastal Area. Technical Paper Number 59. Providence, RI. 31 pp. Appendices. December 1975.

Describes development of a land capability classification process that presents basic guidelines to policy makers as to how the land resources of the state's coastal area could be managed. Three parts to the paper review land capability classification-theory and application, to five step land classification system model for the state's coastal area and a summary.

LAND/WATER USE; PLANNING/MANAGEMENT

25-003 Rhode Island. University of Rhode Island. Coastal Resources Center.

Commercial Marine Fish and Fisheries of Rhode Island. Olsen, S. B. and D. K. Stevenson. Marine Technical Report 34. Kingston, RI. 117 pp. 1975.

Provides a report on the viability of the commercial fish industry, basic inventory material on fishing stocks and landings, and charts delineating primary and secondary nearshore fishing grounds for the Rhode Island fleet. A reference guide to species fished commercially is included.

FISH/FISHERIES

25-004 Rhode Island. University of Rhode Island. Sea Grant Program.

Rhode Island's Coastal Natural Areas: Priorities for Protection and Management. Seavey, G. L. Marine Technology Report Number 43. Kingston, Rhode Islansd. 60 pp. 1975. (CZIC)

Identifies specific shoreline features in Rhode Island in need of immediate protection and management, and examines briefly available techniques for insuring protection. Relevant state regulatory agencies and planning units are also described briefly.

CRITICAL AREAS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL RESOURCES; COASTAL INVENTORIES; ISSUES/PROBLEMS; LAND/WATER USE

25-005 Rhode Island. University of Rhode Island. Coastal Resources Center.

Rhode Island's Coastal Resources Management Council. Pamphlet. 1975. (CZIC)

Short pamphlet describing what the Council is, its duties and powers, supporting units in other agencies and programs, past accomplishments, and future objectives. Also includes a brief review of activities in which the council has jurisdiction.

STATE-LOCAL COORDINATION

25-006 Rhode Island. Coastal Resources Management Council.

State of Rhode Island Coastal Resources Management Council Plan Policies and Regulations. Providence, RI. 76 pp. 1975. (CZIC)

The document describes the Council's general policies, procedural rules and regulations and its authorities toward 15 specific coastal uses such as marine recreation, minerals extraction, dredging and filling, piers and docks, power plants, and others. The Council was established by the state's General Assembly in 1971.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; GOALS/OBJECTIVES; PERMISSIBLE USES

25-007 Rhode Island. Coastal Resources Management Council.

State of Rhode Island Coastal Resources Management Program. Volume I Report and Appendix A; Volume II, Appendices B and C. Providence, RI. 191 pp. Appendices. Maps. Spring 1976. (CZIC)

Provides a description of the policies, methods, organizational arrangements and procedures that will be used in Rhode Island to manage coastal resources. Chapters discuss a coastal inventory and resource capability analysis: designation of uses having direct and significant impacts on coastal waters; permissible land and waters uses and management criteria; boundary; national interests, participation, consultation and coordination.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; COASTAL INVENTORIES; PERMISSIBLE USES; BOUNDARIES; FEDERAL CONSISTENCY; STATE-LOCAL COORDINATION; REGIONAL IMPACT; PUBLIC PARTICIPATION; LAND/WATER USE

25-008 Rhode Island. Department of Economic Development.

Quonset Point Technical Park: Facilities Study. Providence, RI. Multi-pp. Maps. March 1977. (CZIC)

25-008 Rhode Island. Department of Economic Development. (continued)

Provides a comprehensive land use study, investigation and inventory of all existing structures, compilation and study of all available soils information, a study of proposed transportation systems, a study of proposed port facilities, a study of the existing air station, and an estimate of the construction costs for three land use scenarios.

LAND/WATER USE; COASTAL INVENTORIES; TRANSPORTATION; PORTS/WATERFRONTS; AIR RESOURCES; ECONOMICS

25-009 Rhode Island. Department of Economic Development. Socio-Economic

Assessment of the Reuse Alternatives of Quonset Point/ Davisville. Providence, RI. 62 pp. August 1977. (CZIC)

Presents a socio-economic assessment of alternative reuse scenarios for the Quonset Point/Davisville facility. Alternatives presented reflect the consensus of a task force on land use planning, environmental, and economic choices for the facility area.

SOCIOECONOMICS; LAND/WATER USE; ECONOMICS; ENVIRONMENT; PLANNING/MANAGEMENT

25-010 Rhode Island. Department of Economic Development.

The Redevelopment of Quonset/Davisville: An Environmental Assessment. Coastal Resources Center. Kingston, RI. 200 pp. 1977. (CZIC)

Presents an environmental assessment of prospective development alternatives for the Quonset Point/Davisville area, including adjacent portions of Narragansett Bay. Alternatives that could allow redevelopment without significant adverse impacts on the environment are discussed.

DEVELOPMENT; REGIONAL IMPACT; PLANNING/MANAGEMENT

25-011 Rhode Island. University of Rhode Island Coastal Resource Center.

Teacher's Activity Guide to Coastal Awareness. CRC Marine Bulletin No. 23. Callaghan, S. S. Providence, RI. 85 pp. 1977. (CZIC)

An activity book written to inform young people about the importance and use of our coastal resources. Designed to promote discussion and activities to complement existing marine-related units or as a new activity-oriented unit in itself.

INFORMATION SYSTEMS; COASTAL RESOURCES; EDUCATION

25-012 Rhode Island. University of Rhode Island Coastal Resource Center.

Down Where the Water Is: A Coastal Awareness Activity Book. CRC Marine Bulletin No. 22. Callaghan, S. S. Providence, RI. 23 pp. 1977. (CZIC)

A booklet of drawings depicting coastal scenes, activities, and resources with space for student interpretation. Designed to enhance awareness through writing and discussion.

EDUCATION; INFORMATION SYSTEMS; RECREATION/TOURISM; DEVELOPMENT; ENERGY; PUBLIC PARTICIPATION; LAWS & LEGISLATION

25-013 Rhode Island. Coastal Resources Management Program.

State of Rhode Island Coastal Management Program and Final Environmental Impact Statement. Coastal Resources Management Program and OCZM. 474 pp. March 1978.

Presents the state's coastal management program objectives, policies and management authority. Provides coastal zone boundaries and management uses permitted therein. FEIS is provided discussing probable impacts of program implementation.

PROGRAM DESCRIPTION; ISSUES/PROBLEMS; BOUNDARIES; LAND/WATER USE; LAWS & LEGISLATION; PUBLIC ACCESS; FACILITY SITING; ENVIRONMENTAL IMPACT; PUBLIC AWARENESS; PERMISSIBLE USES

25-014 Rhode Island. Governor's Energy Office (Coastal Energy Impact Program).

Implications of a Nuclear Facility in South County, RI. Regional Energy Group. 532 pp. (Four Volumes) South Kingston, RI. June 1980.

Detailed socio-economic impact study of a proposed nuclear power plant in southern Rhode Island. Includes case study of neighboring plants in Waterford, CT and Sea Brook, NH. Regional inventories of economic activity, growth prospects, planning recommendations, etc.

ENERGY IMPACTS; ENERGY FACILITY SITING; REGIONAL IMPACT; PLANNING/MANAGEMENT

25-015 Rhode Island. Coastal Resources Management Program.

Evaluation of the Recreational Fishery in Lake Canochet, Narragansett, RI. Seavey, G. L. and R. E. Crawford. 10 pp. July 1980.

Examines the potential of a coastal pond to support recreational fishing. Species present and capable of supporting a fishery are discussed as well as fishery enhancement and management practices. Other potential recreational uses of the area are also discussed.

25-015 Rhode Island. Coastal Resources Management Program. (continued)

FISH/FISHERIES; PUBLIC ACCESS; RECREATION/TOURISM

25-016 Rhode Island. Department of Environmental Management.

Commerical Fishing Facilities Needs in Rhode Island. Sedgwick, S., Collins, C. and S. Olsen. 82 pp. 1980.

Assesses the needs for new or improved onshore facilities for commerical fishing vessels. The report is designed to assist the state in managing the offshore fishing industry.

PORTS/WATERFRONTS; FISH/FISHERIES; INDUSTRY/COMMERCE; DEVELOPMENT

25-017 Rhode Island. Coastal Resources Management Program.

An Interpretive Atlas of Narragansett Bay. Olsen, S., Robadue, D. D. and V. Lee. 82 pp. 1980

Presents a sysnthesis and summary of the history and ecology of Narragansett Bay to enhance public awareness and aid in resource management.

ATLASES; PUBLIC AWARENESS; WETLANDS; MARINE BIOLOGY; FISH/FISHERIES

25-018 Rhode Island. Coastal Resources Center, Univ. RI.

An Elusive Compromise: Rhode Island Coastal Ponds and their People. Lee, V. Marine Technical Report 73. 82 pp. 1980.

Summarizes the uses and natural history of coastal ponds, effects of human activities and provides management recommendations.

PLANNING/MANAGEMENT; LAND/WATER USE; FISH/FISHERIES

25-019 Rhode Island. Governor's Energy Office (Coastal Energy Impact Program).

State of Rhode Island Oil Spill Copntingency Guide: Protection Strategies for Vulnerable Coastal Resources. Department of Environmental Management. Multi-pp. Kingston, RI. 1980.

Site specific oil spill protection strategies. Includes access maps, spill protection techniques, site descriptions. Used as a model spill plan by oil companies and other states.

CRITICAL AREAS; ENERGY IMPACTS; OIL SPILL PREVENTION

25-020 Rhode Island. Coastal Resources Management Program.

Rhode Island Dredging Needs Survey. 40 pp. January 1981.

Presents an inventory of the state's dredging needs through 1985. Potential users wre surveyed to learn where, when and how often dredging was necessary, their preferred disposal options and their comments on constraints to dredging.

DREDGING; ENVIRONMENTAL IMPACTS; LEGAL/INSTITUTIONAL ANALYSIS

25-021 Rhode Island. Rhode Island Port Authority and Economic Development Corp.

Preliminary Engineering: Davisville Port Expansion Final Report and Technical Specifications (Two Volumes). Multi-pp. January 1981.

Develops criteria for design of expanded port facilities to accomodate demand for port services by OCS-related shipping. Technical and economic suitability of several alternatives are evaluated.

PORTS/WATERFRONTS; OCS; SOCIOECONOMICS; DEVELOPMENT; ENGINEERING

25-022 Rhode Island. Department of Environmental Management.

Bay Islands Park Development and Management Plan. Multi-pp. March 1981.

Provides park development guidelines and policies. Recreational demands are surveyed and natural and cultural resources at the site are inventoried. A park management plan is presented.

PARKS; PUBLIC ACCESS; CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT

25-023 Rhode Island. Rhode Island Port Authority (Coastal Energy Impact Program).

Port Management Alternatives at Davisville. Report, Appendix and Executive Summary. Multi-pp. March 1981.

Provides a study of port management alternatives for the port as a support facility for OCS activity or a commerical cargo handling facility. Examines economic implications of either management strategy.

PORTS/WATERFRONTS; OCS; DEVELOPMENT; INDUSTRY/COMMERCE; SOCIOECONOMICS

25-024 Rhode Island. Coastal Resources Management Program.

A Management Plan for Prehistoric Archeological Resources in Rhode Island's Coastal Zone. Volumes 1 and 2. Multi-pp. August 1981.

25-024 Rhode Island. Coastal Resources Management Program. (continued)

Volume 1 presents a management plan that discusses permitting of uses in areas containing prehistoric resources and also the issues of resource identification, evlauation and protection. Measures to reduce natural and man-caused damage are outlined. Volume 2 contains maps of site locations.

CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; RESOURCE PROTECTION; MAPS/MAPPING

25-025 Rhode Island. Department of Environmental Management.

An Aquaculture Management Plan for Rhode Island Coastal Waters. Lapin, W. J. Multi-pp. November 1981.

Provides a plan for managing aquaculture in Rhode Island coastal waters. Surveys potential sites and recommends permissible ues. Plan is meant as a general guideline for industry development.

AQUACULTURE; COASTAL INVENTORIES; FISH/FISHERIES; INDUSTRY/COMMERCE; PLANNING/MANAGEMENT

25-026 Rhode Island. Department of Economic Development (Coastal Energy Impact Program).

Environmental Assessment: Davisville Port Expansion. Multi-pp. 1981.

Presents an identification and assessment of environmental effects of six alternative designs for port expansion. Also included are geological studies and a report on the marine biology of the area. A literature review of the effects of dredging on marine organisms is provided.

PORTS/WATERFRONTS; ENVIRONMENTAL IMPACT; GEOLOGY; DREDGING; DEVELOPMENT

25-027 Rhode Island. Governor's Energy Office (Coastal Energy Impact Program).

Regional Onshore Impacts From Offshore Oil and Natural Gas Drill Support Facility Development in Rhode Island. Coalition of Coastal Communities. Multi-pp. March 1982.

Detailed socioeconomic impact study of onshore impacts of OCS activities. Includes impact description, growth prospects, transportation issues, land use, water quality questions, etc.

ENERGY IMPACTS; OCS; PLANNING/MANAGEMENT

25-028 Rhode Island. Governor's Energy Office (Coastal Energy Impact Program).

Block Island Integrated Energy Institutions Report. Block Island Economic Development Corporation. Multi-pp. Block Island, RI. April 1982.

An approach being implemented in Block Island to render the island energy independent. Includes legal, institutional, financial, regulatory, siting, etc. issues. A practical approach to local energy problems.

ENERGY; ENERGY FACILITY SITING; ISSUES/PROBLEMS; LEGAL/INSTITUTIONAL ANALYSIS

26-001 South Carolina. Coastal Zone Planning and Management Council.

Coastal Zone Planning: A New Concept for Progress in South Carolina. Columbia, SC. 8 pp. Pamphlet. October 1974. (CZIC)

Presents a public information brief outlining the requirements and provisions of the general Coastal Zone Management Act of 1972. South Carolina's response to it is described.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

26-002 South Carolina. Coastal Council.

Environmental Quality Control and Coastal Zone Management. Multi-pp. 1974. (CZIC)

Describes programs concerned with environmental quality which are implemented by the Department of Health and Environmental Control, and recommends procedures for their application in the coastal zone management process.

PLANNING/MANAGEMENT

26-003 South Carolina. Coastal Zone Planning and Management Council.

Groundwater in the Coastal Plain of South Carolina. Greeter, S. Columbia, SC. 39 pp. Maps. August 1975. (CZIC)

Collects and evaluates available information to determine what problems exist concerning groundwater in the coastal zone, potential problems likely to occur, information gaps, information presently being collected and recommendations on future actions. A bibliography is included.

GROUNDWATER; ISSUES/PROBLEMS; BIBLIOGRAPHY

26-004 South Carolina. Coastal Zone Planning and Management Council.

Delineation of the South Carolina Coastal Zone by Use of Vegetative Guides. Vincent, R. and R. Haag. Columbia, SC. Multi-pp. Maps. August 1975. (CZIC)

Describes approach and results of an effort to map South Carolina's coastal zone boundary and salt zone boundary using infrared photo graphy. Recommendations concerning the mapping and maintenance of coastal zone boundaries are included.

BOUNDARIES; MAPS/MAPPING; REMOTE SENSING

26-005 South Carolina. Land Resources Conservation Commission.

South Carolina Public Land Ownership Inventory-State and Federal Owned Lands. Columbia, SC. Multi-pp. 1975.

Presents a listing of all federal and state owned lands in South Carolina. The information is plotted on county highway maps with acreages.

COASTAL INVENTORIES

26-006 South Carolina. Wildlife and Marine Resources Department.

Coastal Zone Management in South Carolina. Charleston, SC. Brochure. 1974. (CZIC)

Presents a public information brief describing coastal zone management in the state of South Carolina.

PUBLIC PARTICIPATION; EDUCATION

26-007 South Carolina. Department of Parks, Recreation and Tourism.

Public Beach Access and Recreation in South Carolina. Hartzog, Lader and Richards. Columbia, SC. 125 pp. August 1976.

Presents a policy statement on South Carolina beaches, background information, projection of future demands, and actions the public and private sectors may undertake to expand beach opportunities.

RECREATION/TOURISM; PUBLIC ACCESS

26-008 South Carolina. Wildlife and Marine Resources Department.

A checklist to Biota of the Coastal Zone of South Carolina. Zingmark, R. G., et. al. Columbia, SC. 300 pp. June 1977.

Compiles a comprehensive annotated checklist of biota found in the coastal zone of South Carolina.

COASTAL INVENTORIES; WILDLIFE

26-009 South Carolina. Coastal Council.

Proposed South Carolina Coastal Program. Volume I. Mulit-pp. January 1979.

This proposed program begins with an overview of the coastal zone. It then describes the coastal planning process, management of coastal resources

26-009 South Carolina. Coastal Council. (continued)

(with policies for each resource), special management areas, management authorities, and government/public involvement.

PROGRAM DESCRIPTION; COASTAL RESOURCES; PLANNING/ MANAGEMENT; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION

26-010 South Carolina. Coastal Council.

Proposed South Carolina Coastal Program. Volume II. Appendices. Multi-pp. January 1979.

Contains separate sections on the history of the program, legislation, the legal authorities of state agencies, state statutes and regulations, geographic areas of particular concern, federal coordination, state coordination, local government coordination, public participation, permitting rules, boundary determination methodology, federally excluded lands, and maps.

PROGRAM DEVELOPMENT; LAWS AND LEGISLATION; FEDERAL AGENCIES; STATE-LOCAL COORDINATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PERMITS/PERMITTING; BOUNDARIES; MAPS/MAPPING

26-011 South Carolina. Coastal Council.

Proposed South Carolina Coastal Program. Vols. I and 2. Draft Environmental Impact Statement. Multi-pp. Appendices. April 1979.

Seven chapters contain 1) description of the environment affected, economic/social, and governmental/administrative, 2) the probable impacts of proposed action on the environment, 3) alternatives to the proposed action, 4) probable adverse environmental effects which cannot be avoided, 5) the relationship between local short-term uses of the environment and the enhancement of long-term productivity, 6) irretrievable commitments of resources that would be involved in the proposed action, and 7) the relationship of proposed action to land and water use plans, policies, and controls in the area.

PLANNING/MANAGEMENT

26-012 South Carolina. Coastal Council and Office of Coastal Zone Management.

Beach Erosion in South Carolina. Hayes, M. O., Moslow, T. and D. Hubbard. Multi-pp. May 1979.

A characterization of trends of beach erosion on the South Carolina coast, based on historical trends, beach profiles and beach processes.

BEACHES/DUNES; EROSION/SEDIMENTATION; REGIONAL IMPACT

26-013 South Carolina. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

State of South Carolina Coastal Management Program and Final Environmental Impact Statement. Office of Coastal Zone Management and South Carolina Coastal Council. Washington, D.C., and Charleston, SC. Multi-pp. August 1979.

Submitted for final approval by the Office of Coastal Zone Management. Contains a summary of the South Carolina program, a complete description of the proposed action, and the environmental impact statement.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT

26-014 South Carolina. Coastal Council.

Public Involvement Program Report. Charleston, SC. Multi-pp. No Date.

Includes the concepts and rationale behind public involvement, press clippings and news releases, and a story in which the Coastal Council's power to assume permit-issuing authority over the Wando State Ports Authority (SPA) Terminal is challenged by the SPA.

PUBLIC PARTICIPATION

26-015 South Carolina. Coastal Plains Regional Commission.

Charleston Waterfront Park Master Plan. 72 pp. September 1980.

Report containing a master plan and urban design guidelines for two areas of Charleston. Plan involves the construction of a waterfront park and open space and improvements to the sidewalks and streets leading to it.

RECREATION/TOURISM; PLANNING/MANAGEMENT; OPEN SPACE; PORTS/WATERFRONTS; PUBLIC ACCESS

26-016 South Carolina. Coastal Council.

A Study of Shore Erosion Management Options in South Carolina. 241 pp. January 1981.

An evaluation of existing coastal resource management policies and a feasibility study of altenative beach erosion control projects.

BEACHES/DUNES; EROSION/SEDIMENTATION; PROGRAM MONITORING/EVALUATION

26-017 South Carolina. Coastal Management Program.

Permitting Rules and Regulations (Revised 6/26/82). South Carolina Coastal Council. 49 pp. June 1981.

Rules and regulations issued pursuant to the State's Coastal Zone Management Act of 1977 (Act 123). Used by the South Carolina Coastal Council in making permitting decisions on activites proposed on or in the critical areas.

PERMITS/PERMITTING; POLICY FORMULATION/EVALUATION

26-018 South Carolina. Coastal Management Program.

Shem Creek Special Area Management Plan. Mount Pleasant and S.C. Coastal Council. Multi-pp. 1981.

The plan was prepared to develop special policies tailored to the unique area of Shem Creek for developing it as a special area.

SPECIAL AREAS MANAGEMENT; PLANNING/MANAGEMENT; RESOURCE PROTECTION; STATE-LOCAL COORDINATION; WATERFRONT DEVELOPMENT

26-019 South Carolina. Coastal Management Program.

Understanding Our Coastal Environment. South Carolina Coastal Council. 40 pp. March 1982.

An educational booklet aimed at providing the public with an understanding and appreciation of South Carolina's coastal resources and ecosystems. Contains a glossary of terms and a selected bibliography.

COASTAL RESOURCES; EDUCATION; HURRICANES; WETLANDS; BARRIER ISLANDS; BEACHES/DUNES

26-020 South Carolina. Coastal Management Program.

Special Area Management Plan for Hilton Head Island. South Carolina Coastal Council. 35 pp. April 1982.

The plan was prepared to develop special policies tailored to the unique Hilton Head area for developing it as a special area.

SPECIAL AREAS MANAGEMENT; PLANNING/MANAGEMENT; RESOURCE PROTECTION; STATE-LOCAL COORDINATION; BARRIER ISLANDS; BEACHES/DUNES; WETLANDS; WATER QUALITY

27-001 Texas. General Land Office.

Texas Coastal Management Program, Newsletter. Published Quarterly. Austin, TX. 4 pp. Since Spring 1973. (CZIC)

Presents a public information brief describing major developments and issues relevant to the Texas Coastal Management Program.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS

27-002 Texas. General Land Office.

Existing Data: An Annotated Bibliography of Research Activities in the Coastal Zone. Austin, TX. 211 pp. (Same text as Texas Coastal Zone Management Program). August 1974. (CZIC)

Presents an annotated bibliography arranged under six topics including general works; socioeconomic resources; legal and institutional relationships; physical processes and resources; biological resources; and environmental quality. All citations are relevant to coastal Texas and are arranged alphabetically by title.

BIBLIOGRAPHY; SOCIOECONOMICS; LAWS AND LEGISLATION

27-003 Texas. General Land Office.

Public Participation: A Report of Public Participation, June to October 1974. Austin, TX. 128 pp. November 1974. (CZIC)

Describes the two-part public participation effort as of mid-1974. Included is a survey of the major views of private interest groups concerned with issues of coastal management and a series of eight public hearings held in coastal cities and Austin.

PUBLIC PARTICIPATION; ISSUES/PROBLEMS

27-004 Texas. General Land Office.

Present Authority: Authority of Governmental Entities in the Texas Coastal Zone. Austin, TX. 94 pp. Charts. January 1975. (CZIC)

Summarizes Texas' current efforts to understand and resolve its coastal problems. Outlines the authority and responsibilities of local, state and federal entities who influence problems and development in the Texas coastal region.

ISSUES/PROBLEMS; STATE-LOCAL COORDINATION; FEDERAL AGENCIES; PUBLIC PARTICIPATION; GROWTH; PLANNING/MANAGEMENT

27-005 Texas. General Land Office.

The Coastal Economy: An Economic Report. Austin, TX. 66 pp. and Appendices. October 1975.

Characterizes for Texas the present and projected coastal economic activity, the role of coastal resources in the economy, the major factors affecting coastal economic development, and the role of government in planning for the coast. The report is intended to focus public commentary on coastal issues.

ECONOMICS; COASTAL RESOURCES; PLANNING/ MANAGEMENT; ISSUES/PROBLEMS

27-006 Texas. General Land Office.

Resources of the Texas Coastal Region. Austin, TX. 45 pp. Maps. October 1975.

Presents in non-technical maps and text, a general inventory of major resources and natural processes.

COASTAL INVENTORIES; COASTAL RESOURCES; COASTAL WATERS; LAND/WATER USE

27-007 Texas. General Land Office.

The Gulf Coast of Texas. Austin, TX. Brochure. 1975.

Presents a public information brief outlining the importance of the Texas coastal zone; the goals and objectives of the Federal Coastal Zone Management Act; and Texas' response to the Federal Act.

PUBLIC PARTICIPATION; GOALS/OBJECTIVES; PROGRAM DESCRIPTION

27-008 Texas. General Land Office.

An Impact Evaluation Report, City of Mount Pleasant and Titus County, TX. Research and Planning Consultants. Austin, TX. 73 pp. Map 1976. (CZIC)

Part of a project to develop a methodology for evaluating OCS oil and gas developments. This report examines the impact of the construction of two large electrical power generating plants, the construction of two dams, the construction of a private, 75-mile industrial railroad, the development of lignite mining operations in the county, and substantial subsidiary growth - all in a three-year period.

OCS; ENVIRONMENTAL IMPACT; ENERGY FACILITY SITING

27-009 Texas. General Land Office.

An Inventory of Existing OCS Related Oil and Gas Facilities. Research and Planning Consultants. Austin, TX. 39 pp. May 1976. (CZIC)

A list and description of the following facilities which are relevant to offshore activity: petroleum refineries and petrochemical complexes, pipelines, ports, rigs, support services.

OCS; PETROLEUM INDUSTRY; PORTS/WATERFRONTS

27-010 Texas. General Land Office.

Oroville Case Study. Harvey O. Banks, Consulting Engineer, Inc., for Research and Planning Consultants. Austin, TX. 37 pp. May 1976. (CZIC)

The purpose of this study is to 1) develop a methodology to determine impacts of Outer Continental Shelf (OCS) oil and gas development, and 2) using that methodology, evaluate the Texas onshore and nearshore impacts of OCS oil and gas development. It examines the impacts of the construction of Oroville Dam in the city of Oroville and the county of Butte, California.

REGIONAL IMPACT; ENERGY FACILITY SITING; OCS; PETROLEUM INDUSTRY

27-011 Texas. General Land Office.

Outer Continental Shelf Oil and Gas Development: A Survey of Selected Modeling Techniques. Research and Planning Consultants. Austin, TX. 17 pp. May 1976. (CZIC)

Part of a project to develop a methodology for evaluating Texas onshore and nearshore impacts of oil and gas developments. Includes: regional economic models, input/output models, environmental impact identification models, infrastructure cost models, estuary water quality models, ecologic models, groundwater models and others.

REGIONAL IMPACT; ENVIRONMENT; ECONOMICS; ESTUARIES; WATER QUALITY; GROUNDWATER; PETROLEUM INDUSTRY; OCS

27-012 Texas. General Land Office.

Outer Continental Shelf Oil and Gas Development: An Impact Bibliography. Research and Planning Consultants. Austin, TX. 33 pp. May 1976. (CZIC)

Part of a project to 1) develop a methodology to determine impacts of OCS oil and gas developments, and 2) use that methodology to evaluate onshore and nearshore impacts of such developments in Texas. Two groups, both with annotated and non-annotated entries: 1) impact studies - environmental, economic, demographic, social, infrastructural related to Texas but

27-012 Texas. General Land Office. (continued)

not specifically oil and gas developments, 2) inventories or descriptions of baseline data on the environment, economic, demographic, social, or infrastructural characteristics of the Texas Gulf Coast.

OCS; PETROLEUM INDUSTRY; BIBLIOGRAPHY; REGIONAL IMPACT; COASTAL INVENTORIES; SOCIOECONOMICS; ECONOMICS

27-013 Texas. General Land Office.

Current Permitting Processes in State and Federal Natural Resource Agencies. Volume I. 133 pp. June 1976. (CZIC)

Describes the permitting procedures of ten state and two federal agencies which have permitting authority over the natural resources of the Texas coast.

FEDERAL AGENCIES; PERMITS/PERMITTING

27-014 Texas. General Land Office.

Current Permitting Processes in State and Federal Natural Resource Agencies. Volume II. 630 pp. June 1976. (CZIC)

Contains the administrative rules and regulations of each state natural resource agency as of May 1, 1976.

LAWS AND LEGISLATION; PERMITS/PERMITTING

27-015 Texas. General Land Office.

Forms for Manual Use. Activity Assessment Routine. Social and Economic Component. Technical Paper No. 10. Research and Planning Consultants. Austin, TX. 99 pp. June 1976.

Includes forms which can assist in performing manual calculations for the social and economic component of the activity assessment routine. Detailed instructions to complete the tables are available in the SEC user's manual. SEC may also be used in conjunction with a computer.

SOCIOECONOMICS

27-016 Texas. General Land Office.

Outer Continental Shelf Oil and Gas Development: An Impact Methodology. Research and Planning Consultants. Austin, TX. 39 pp. June 1976. (CZIC)

27-016 Texas. General Land Office. (continued)

Seven methodologies for determining impacts of OCS oil and gas development. They include scenario description, determination of onshore effects of each scenario's exploration, development, and production, determination of net state and local economic impacts, and assessment of the environmental and social impacts of each scenario.

OCS; PETROLEUM; INDUSTRY; REGIONAL IMPACT; STATE-LOCAL COORDINATION; SOCIOECONOMICS

27-017 Texas. General Land Office.

Texas Coastal Management Program. Public Hearing Transcripts. (10 separate documents, one for each of 10 coastal cities).
Austin
Victoria
San Antonio
Houston
Galveston
Dallas
Corpus Chirsti
Brownsville
Beaumont
Bay City
Austin, TX. August-September 1976. (CZIC)

Presents the transcripts of public hearings held to review the Texas Coastal Management Program.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; ISSUES/PROBLEMS

27-018 Texas. General Land Office.

Model Minimum Hurricane Resistant Building Standards for the Texas Gulf Coast. Austin, TX. Multi-pp. September 1976. (CZIC)

Contains 1) a procedure for determining the degree of exposure to hurricane conditions along the coast, 2) a model minimum building standard to reduce hurricane damage, and 3) a discussion of the coast's natural hazards.

NATURAL HAZARDS

27-019 Texas. General Land Office.

A Study of the Placement of Materials Dredged from Texas Ports and Waterways. Executive Summary. Epsey, Huston and Associates, Inc. Austin, TX. 28 pp. December 1976. (CZIC)

Summarizes the means of developing a disposal plan for Texas which includes parameters and criteria for determining the acceptability of potential disposal sites.

DREDGING; PORTS/WATERFRONTS

27-020 Texas. General Land Office.

A Study of the Placement of Materials Dredged from Texas Ports and Waterways. Volume I. Epsey, Huston and Associates, Inc. Austin, TX. Multi-pp. December 1976. (CZIC)

Provides information relevant to minimizing the environmental impact of necessary navigational improvements and evaluating the associated trade-offs. The six sections cover the volumes of dredged material removed annually from Texas ports and channels, the pollutants and pollution potential of dredged materials, the accommodation capabilities of present disposal sites, the beneficial uses of dredged materials, the costs and trade-offs associated with navigational development, and the benefit and costs of alternatives.

DREDGING; PORTS/WATERFRONTS; POLLUTION; NAVIGATION; ECONOMICS

27-021 Texas. General Land Office.

A Study of the Placement of Materials Dredged from Texas Ports and Waterways. Volume II. Epsey, Huston and Associates, Inc. Austin, TX. Multi-pp. December 1976. (CZIC)

Sumarizes 320 reports on dredged material disposal and divides them into the categories of open-water disposal, littoral disposal, land disposal and economics of disposal. Also identifies ongoing and projected work of the Corps of Engineers Waterways Experiment Station.

DREDGING; PORTS/WATERFRONTS; ECONOMICS; FEDERAL AGENCIES

27-022 Texas. General Land Office.

Growth Impact Issues. Research and Planning Consultants. Austin, TX. 20 pp. 1976. (CZIC)

A summary of the significant growth impact issues identified by the case studies of Mount Pleasant and Glen Rose, Texas; Oroville, California; and Morgan City, Louisiana, all of which involved industrial or energy related

27-022 Texas. General Land Office. (continued)

developments.

DEVELOPMENT; REGIONAL IMPACT; FACILITY SITING

27-023 Texas. General Land Office.

Offshore Oil: Its Impact on Texas Communities. Volume I - Executive Summary. Research and Planning Consultants, Inc. Austin, TX. 60 pp. June 1977. (CZIC)

Presents a methodology for estimating the impacts of future OCS development on Texas cities and counties, provides OCS development scenarios to acquaint public and private decision-makers with the potential onshore impacts of OCS activities, and provides an analysis of current federal programs to compensate state and local government for the fiscal deficits OCS development will cause in Texas.

FEDERAL AGENCIES; REGIONAL IMPACT; STATE-LOCAL COORDINATION; ECONOMICS; OCS; ENERGY FACILITY SITING; PETROLEUM INDUSTRY

27-024 Texas. General Land Office.

Offshore Oil: Its Impact on Texas Communities. Volume II - Local Impact Scenarios. Research and Planning Consultants. Austin, TX. 599 pp. June 1977. (CZIC)

Three scenarios are developed based on three postulated OCS development sequences including pre-lease sale exploration, the lease sale, exploratory drilling, development, production, and the amount of oil and/or gas produced.

OCS; PETROLEUM INDUSTRY; ENERGY FACILITY SITING; DEVELOPMENT

27-025 Texas. General Land Office.

Offshore Oil: Its Impact on Texas Communities. Volume III - Aggregate State Impacts. Volume IV - Appendices. Research and Planning Consultants. Austin, TX. Multi-pp. June 1977. (CZIC)

Volume III examines the impact of capacity increases in Texas refining, and the impact of OCS development on gas processing, the offshore exploratory drilling rig construction sector, the fixed platform fabrication sector, petrochemical plants and petroleum storage facilities.

The appendices of Volume IV cover study methodology, reasonable ranges for location and extent of OCS oil and gas development in the Texas Gulf of Mexico, descriptions of strikes, industry practices, the OCS oil and

27-025 Texas. General Land Office. (continued)

gas development model, estimating fiscal costs, selected modeling techniques, an inventory of existing OCS related oil and gas facilities in Texas, anthropological methods for developing community profiles, and a bibliography.

STATE-LOCAL COORDINATION; OCS; PETROLEUM INDUSTRY; ENERGY FACILITY SITING; DEVELOPMENT; ECONOMICS; COASTAL INVENTORIES; BIBLIOGRAPHY

27-026 Texas. General Land Office.

Offshore Oil/Dialogues Toward Understanding: Proceedings of a National Conference on the Effects of OCS Oil and Gas Development on Coastal States. Research and Planning Consultants. Austin, TX. 188 pp. June 1977. (CZIC)

Examines the techniques used and the problems associated with assessing onshore and nearshore effects of offshore oil and gas activities. Individual presentations workshops on 1) sociological effects; 2) implications for local economics; 3) effects on the environment; 4) fishing and recreation.

REGIONAL IMPACT; SOCIOECONOMICS; STATE-LOCAL COORDINATION; RECREATION/TOURISM; FISH/FISHERIES; ENERGY FACILITY SITING; OCS; PETROLEUM INDUSTRY; DEVELOPMENT; CONFERENCE/WORKSHOPS

27-027 Texas. General Land Office.

A Study to Assess the Feasibility of Inland Canals as an Alternative to Bay and River Margin Port and Industrial Development. Research and Planning Consultants. Austin, TX. 272 pp. July 1977. (CZIC)

The study seeks to test the hypothesis that the inland canal is a feasible alternative to traditional navigation developments, to develop a methodology for the design of an inland industrial canal with minimum environmental impact, and to compile the information required to use this methodology. The results indicate an inland canal is a feasible alternative both in terms of cost to industry and in minimizing environmental impact.

FACILITY SITING; INDUSTRY/COMMERCE; PORTS/WATERFRONTS; SHIPPING; TRANSPORTATION; DEVELOPMENT; NAVIGATION

27-028 Texas. General Land Office.

Accessibility and Protection of Texas Shorefront Areas. Austin, TX. 44 pp. Illustrations, Maps. June 1978. (CZIC)

Analyzes the accessibility of the state's public coastal areas, means of meeting future recreational demand, and problems associated with such use.

27-028 Texas. General Land Office. (continued)

PUBLIC ACCESS; RECREATION/TOURISM

27-029 Texas. General Land Office.

Pilot Study of the Activity Assessment Routine. Social and Economic Component. Technical Paper No. 1. Research and Planning Consultants. Austin, TX. 184 pp. July 1978. (CZIC)

The purpose of the pilot study was to test the social and economic component (SEC) of the activity assessment routine, which analyzes the potential effects of a proposed facility. The study was used to 1) identify areas of the SEC needing improvement; 2) estimate the time and personnel needed; and 3) test the computer program. It examines the construction phase of a liquefied natural gas terminal, the LaSalle Terminal, adjacent to Matagorda Bay in Calhoun County.

SOCIOECONOMICS; ENERGY FACILITY SITING

27-030 Texas. General Land Office.

Activity Analysis. Activity Assessment Routine Ecological Systems Component. Technical Paper No. 11. Research and Planning Consultants. Austin, TX. 196 pp. August 1978. (CZIC)

Provides a rationale and guidelines for examining engineering procedures which cause direct environmental change.

ENGINEERING

27-031 Texas. General Land Office.

Appendices to the Pilot Study of the Activity Assessment Routine. Ecological Systems Component. Technical Paper No. 3. Research and Planning Consultants. Austin, TX. 122 pp. August 1978. (CZIC)

Includes a set of assessment worksheets for the pilot ESC assessment of the El Paso Algeria II dredging activity, summaries of the environmental impacts, lists of the data used, and a general description of the ecosystems in which the project is located.

DREDGING

27-032 Texas. General Land Office.

Assessment of Fiscal Impacts. Activity Assessment Routine. Social and Economic Component. Technical Paper No. 7. Research and Planning Consultants. Austin, TX. 13 pp. August 1978. (CZIC)

27-032 Texas. General Land Office. (continued)

Provided methods for assessing fiscal impact, in terms of tax revenues, government service costs, and net fiscal effect.

ECONOMICS

27-033 Texas. General Land Office.

Bibliography. Activity Assessment Routine. Social and Economic Component. Technical Paper No. 9. Research and Planning Consultants. Austin, TX. 18 pp. August 1978. (CZIC)

Four sections: data sources, economic modeling literature, input/output literature, and social and economic assessment literature.

BIBLIOGRAPHY; SOCIOECONOMICS; ECONOMICS

27-034 Texas. General Land Office.

A Case Study of Nuclear Facility Siting: The South Texas Project. Technical Paper No. 18. Research and Planning Consultants. Austin, TX. 45 pp. August 1978. (CZIC)

One of four papers providing information relevant to the study entitled, Siting Industrial Facilities on the Texas Coast. It examines public and private policies, requirements and constraints which influenced the siting decisions for the South Texas Project.

ENERGY FACILITY SITING

27-035 Texas. General Land Office.

A Case Study of Petrochemical Facility Siting: The Corpus Christi Petrochemical Company. Technical Paper No. 19. Research and Planning Consultants. 30 pp. August 1978. (CZIC)

One of four papers providing information relevant to the study entitled, Siting Industrial Facilities on the Texas Coast. It provides a history of the company, siting requirements and constraints, siting and permitting processes, and an examination of local impacts.

ENERGY FACILITY SITING; PERMITS/PERMITTING; PETROLEUM INDUSTRY

27-036 Texas. General Land Office.

Computer Assistance. Activity Assessment Routine. Ecological Systems Component. Technical Paper No. 14. Research and Planning Consultants. Austin, TX. 91 pp. August 1978. (CZIC)

Provides an introduction to and documentation of computer programs written to provide assistance for the ecological systems component of the activity assessment routine. The purpose of the programs is to perform bookkeeping functions by keeping track of the analyst's decisions and comments.

INFORMATION SYSTEMS

27-037 Texas. General Land Office.

Ecological Attribute Alteration-Measurement and Evaluation. Activity Assessment Routine. Ecological Systems Component. Technical Paper No. 13. Research and Planning Consultants. Austin, TX. 60 pp. August 1978. (CZIC)

Provides a more complete treatment of the principles contained in the user's manual for the ecological systems component, a method for evaluating ecological changes resulting from resource use. Begins by characterizing an ecosystem, then describes the magnitude matrix used to scale altered energy flows.

ENVIRONMENTAL IMPACT

27-038 Texas. General Land Office.

Ecological Systems Diagram: Theory and Construction. Activity Assessment Routine. Ecological Systems Component. Technical Paper No. 12. Research and Planning Consultants. Austin, TX. 91 pp. August 1978. (CZIC)

Describes the ecological systems diagram modeling procedures and concept. A comprehensive ecological description of several coastal ecosystems is included.

ENVIRONMENTAL IMPACT

27-039 Texas. General Land Office.

Input/Output Models of the Texas Coastal Region. Activity Assessment Routine. Social and Economic Components. Technical Paper No. 6. Research and Planning Consultants. Austin, TX. 56 pp. August 1978. (CZIC)

Regional input/output models are used to estimate the impact of a project on a regional economy. This paper includes a review of the methodology, a mathematical discussion of the development of regional models, the procedures used to estimate regional control and employment totals, and sources of the aggregate economic data required for each I/O region.

ECONOMICS; REGIONAL IMPACT

27-040 Texas. General Land Office.

A Methodology to Assess Social/Infrastructural Impacts. Activity Assessment Routine. Social and Economic Component. Research and Planning Consultants. Austin, TX. 17 pp. August 1978. (CZIC)

Includes the approaches used to estimate the effects of a project on 13 social/infrastructure factors (population, housing, educational services; law enforcement, fire protection, health care facilities, health care personnel, municipal water supply and disposal, wastewater treatment, solid waste disposal, traffic count, road damage, noise), and the limitations and assumptions of the analysis.

SOCIOECONOMICS; TRANSPORTATION

27-041 Texas. General Land Office.

Operations Manual - DW 300. Activity Assessment Routine. Social and Economic Component. Technical Paper No. 5. Texas Department of Water Resources - Information Systems and Services Division. 23 pp. August 1978. (CZIC)

Procedures for operating the social and economic impact model of the activity assessment routine. Phase I is concerned with the impact generated by the construction or expansion of new facilities within a region. Phase II deals with the impact generated by the operation of these facilities.

REGIONAL IMPACT; SOCIOECONOMICS

27-042 Texas. General Land Office.

Pilot Study of the Activity Assessment Routine. Ecological Systems Component. Technical Paper No. 2. Research and Planning Consultants. Austin, TX. 67 pp. August 1978. (CZIC)

Purpose of the study was to test the ecological systems components (ESC), which assesses the impacts of a potential activity on natural ecological systems. Discusses the approach, the ecological impacts of the project, the required resources, refinements in the ESC, and an evaluation of the ESC methodology. The subject was a dredging project proposed by the El Paso LNG Terminal Company for Matagorda Bay, Calhoun County.

ENERGY FACILITY SITING

27-043 Texas. General Land Office. Coastal Management Program.

Statutes and Regulations Relevant to Industrial Facility Siting. Technical Paper Number 17. Research and Planning Consultants. Austin, TX. 31 pp. August 1978. (CZIC)

One of four papers providing information relevant to the study entitled

27-043 Texas. General Land Office. Coastal Management Program. (continued)

Siting Industry Facilities on the Texas Coast. Covers federal and state laws and regulations pertaining to water quality, air quality, solid waste disposal, navigable water, fish and wildlife, and endangered species.

LAWS AND LEGISLATION; FEDERAL AGENCIES; FACILITY SITING; WATER QUALITY; NAVIGATION; FISH/FISHERIES; WILDLIFE

27-044 Texas. General Land Office. Coastal Management Program.

Supplementary Data on the Natural Environment Relevant to the Industrial Facility Siting Study. Research and Planning Consultants. Austin, TX. 36 pp. August 1978. (CZIC)

One of four papers providing information relevant to the study entitled Siting Industrial Facilities on the Texas Coast. Eight maps: climate and meteorology, substrate, active geologic processes, groundwater hydrology, surface water hydrology, biota, current land use, and restricted use areas. A bibliography is also included.

FACILITY SITING; CLIMATE/WEATHER; GEOLOGY; GROUNDWATER; BIBLIOGRAPHY; LAND/WATER USE; WATER-RESOURCES; CRITICAL AREAS; MAPS/MAPPING

27-045 Texas. General Land Office. Coastal Management Program.

Activity Assessment Routine - Ecological Systems Component. User's Manual. Research and Planning Consultants. Austin, TX. 140 pp. September 1978. (CZIC)

Provides a method for estimating the environmental effects of development in the coastal region.

FACILITY SITING

27-046 Texas. General Land Office. Coastal Management Program.

Activity Assessment Routine - Social and Economic Component. User's Manual. Research and Planning Consultants. Austin, TX. 216 pp. September 1978. (CZIC)

Provides a mechanism for estimating the effects of development activities on social and economic systems in the coastal region.

SOCIOECONOMICS; FACILITY SITING

27-047 Texas. General Land Office. Coastal Management Program.

Implementation of the Activity Assessment Routine (Revised as of September 8, 1978). Technical Report Number 15. Research and Planning Consultants. Austin, TX. 45 pp. September 1978. (CZIC)

The Activity Assessment Routine is a technique for use in preparation of environmental reports which accompany permit applications to state natural resource agencies. This report includes the objectives of implementation, implementation by the General Land Office and other state agencies, implications for federal agencies and the roles of the Texas Industrial Commission, the Texas Natural Resources Council, and the Texas Natural Resources Information System.

INFORMATION SYSTEMS; FEDERAL AGENCIES; INDUSTRY/COMMERCE

27-048 Texas. Coastal Management Program.

The Texas Coastal Program. 292 pp. June 1979. (CZIC)

Texas is still in the development stage of its coastal program. This document describes the current permitting requirements and the jurisdictions of all agencies. It also includes the many existing standards and guidelines which agencies use to determine the acceptability of a project. Texas will try to improve its management process without creating a new regulatory program.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PERMITS/ PERMITTING

27-049 Texas. Coastal Management Program.

Texas Coastal Management Program - Technical Papers 1 - 19. Multi-pp. 1976 - 1979 Multi Dates. (CZIC)

The following technical papers deal with the activity assessment routine and the industrial facility siting study. To obtain them, contact:

Ms. Delores Seaton
General Land Office
Environmental Management
1700 N. Congress
Austin, Texas 78701
(512) 475-1539

1. Pilot Study of the Activity Assessment Routine - Social and Economic Component

2. Pilot Study of the Activity Assessment Routine - Ecological Systems

27-049 Texas. Coastal Management Program. (continued)

3. Appendices to the Pilot Study of the Activity Assessment Routine - Ecological Systems Component

4. User Reference Manual DW3000, Activity Assessment Routine - Social and Economic Component

5. Operations Manual DW3000, Activity Assessment Routine - Social and Economic Component

6. Input/Output Models of the Texas Coastal Region, Activity Assessment Routine - Social and Economic Component

7. Assessment of Fiscal Impacts, Activity Assessment Routine - Social and Economic Component

8. A Methodology to Assess Social/ Infrastructural Impacts, Activity Assessment Routine - Social and Economic Component

9. Bibliography, Activity Assessment Routine - Social and Economic Component.

10. Forms for Manual Use, Activity Assessment Routine - Social and Economic Component

11. Activity Analysis, Activity Assessment Routine - Ecological Systems Component

12. Ecological System Diagrams: Theory and Construction, Activity Assessment Routine - Ecological Systems Component

13. Ecological Attribute Alteration Measurement and Evaluation, Activity Assessment Routine - Ecological Systems Component

14. Computer Assistance, Activity Assessment Routine - Ecological Systems Component

15. Implementation of the Activity Assessment Routine

16. Supplementary Data on the Natural Environment Relevant to the Industrial Facility Siting Study

17. Statutes and Regulations Relevant to Industrial Facility Siting

18. A Case Study of Nuclear Facility Siting: The South Texas Project

19. A Case Study of Petrochemical Facility Siting: The Corpus Christi Petrochemical Company

INDUSTRY/COMMERCE; FACILITY SITING

27-050 Texas. Texas Energy and Natural Resouces Advisory Council. Coastal Management Program.

A Review of Statutes Affecting the Management of State-Owned Land in the Coastal Area. Stubbs, S. General Land Office. Austin, TX. 46 pp. December 1980.

Reviews statutes affecting management of state-owned lands in the coastal area and recommends amendments to laws.

LAWS AND LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS; PLANNING/MANAGEMENT

27-051 Texas. Texas Energy and Natural Resouces Advisory Council. Coastal Management Program.

A Review of General Land Office Policies Pertaining to the Management of State-Owned Land in the Coastal Area. Stubbs, S. General Land Office. Austin, TX. 66 pp. January 1981.

Reviews existing policies of the School Land Board and presents conclusions.

LEGAL/INSTITUTIONAL ANALYSIS; PLANNING/MANAGEMENT

27-052 Texas. Texas Energy and Natural Resouces Advisory Council. Coastal Management Program.

Dredging on the Texas Coast. Delahoussaye, J. General Land Office. Austin, TX. 224 pp. June 1981.

General survey of dredging: history and methodology, environmental effects, beneficial uses, regulation of dredging, a selected bibliography of dredging data, and glossary of terms.

BIBLIOGRAPHY; DREDGING; ENVIRONMENTAL IMPACT; LAWS AND LEGISLATION; SUBMERGED LANDS; WETLANDS

27-053 Texas. Texas Energy and Natural Resouces Advisory Council. Coastal Management Program.

Evaluation System for Certification of Coastal Wetlands Essential to the Public Interest. Longley, W. L. General Land Office. Austin, TX. 75 pp. June 1981.

Presents system for identification, ranking and certification of coastal wetlands of interest for possible future acquisition.

COASTAL INVENTORIES; CRITICAL AREAS; WETLANDS; LAND/WATER USE; PLANNING/MANAGEMENT; MAPS/MAPPING

28-001 Virginia. Division of State Planning and Community Affairs.

Development of Greater than Local Significance. Raymond, Parish, Pine and Planich. Richmond, VA. 116 pp. September 1973.

Examines factors, regulations, and development types to be considered in developments of greater than local significance. A review of the relevant provisions of the model land development code proposed by the American Law Institute and of selected statutes and legislative proposals in eleven other states concludes the report.

REGIONAL IMPACT; LAND/WATER USE; LAWS AND LEGISLATION; DEVELOPMENT; PLANNING/MANAGEMENT

28-002 Virginia. Institute of Marine Science.

York County and Town of Poquoson Tidal Marsh Inventory. Silberhorn, G. L. Special Report No. 53 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 67 pp. Maps. August 1974. (CZIC)

Inventories vegetation in tidal wetlands in this coastal county of Virginia. In addition to describing species composition in specific marsh areas, the text describes the marsh types and their importance to coastal ecosystems from a scientific point of view.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-003 Virginia. Institute of Marine Science.

Virginia State Agencies Concerned With Coastal Zone Planning, Management, or Scientific and Engineering Activities. 1974-1975 Edition. Laird, B. L. Special Report No. 67 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 107 pp. October 1974 (CZIC)

Provides an annotated inventory of state agencies which have statutory responsibilities involving the coastal zone of Virginia. For each agency is the enabling portion of the Code of Virginia applicable to it, their responsibilities, a resume of their activities, a statement of informational resources available to or maintained by the agency, and informational and technical services available to them.

PLANNING/MANAGEMENT

28-004 Virginia. Institute of Marine Science.

Assateague Marine Sanctuary: A Case Study. Special Report No. 94 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 141 pp. Maps. November 1974. (CZIC)

28-004 Virginia. Institute of Marine Science. (continued)

Examines the Assateague Region as a candidate for marine sanctuary status. In addition to an overview and recommendations, the report includes several appendices examing legal aspects, shoreline condition, socioeconomic information, resource information, and public reaction.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PARKS; SOCIOECONOMICS; COASTAL RESOURCES; LAWS AND LEGISLATION

28-005 Virginia. Institute of Marine Science.

Legal Symposium on Wetlands an Executive Summary. Anderson, R. D., Garten, D. and T. Smolen. Gloucester Point, VA. 8 pp. November 1974. (CZIC)

Presents the highlights of a symposium held to consider the legal significance of the Virginia Wetlands Act of 1972, its impact to date, the taking issue, wetlands activities in other states, values and uses of marshes, the attitudes of industry and the enforcement issue.

LAWS AND LEGISLATION; WETLANDS; DEVELOPMENT

28-006 Virginia. Institute of Marine Science.

The Chesapeake Bay Bibliography. Volume III. Maryland Waters: A Coastal Zone Management Program Report of the Maryland Department of Natural Resources and the Virginia Institute of Marine Sciences. Special Scientific Report No. 73. Gloucester Point, VA. Multi-pp. January 1975. (CZIC)

Lists an extensive bibliography related to water resources of the portion of the Chesapeake Bay in Maryland from the Maryland-Virginia state line to the fall line of the Susquehanna River. References can be reached through a subject and an author index. Over 1800 citations.

BIBLIOGRAPHY; WATER RESOURCES

28-007 Virginia. Institute of Marine Science.

Northumberland County Tidal Marsh Inventory. Silberhorn, G. M. Special Report No. 58 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 96 pp. Maps. February 1975. (CZIC)

Inventories vegetation in tidal marshes in the coastal county of Virginia In addition to describing species composition in specific marsh areas, the text provides a description of marsh types, their importance to coastal ecosystems (from a scientific viewpoint) and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-008 Virginia. Division of State Planning and Community Affairs, Virginia Land Use Council.

Land Use Issues in the Siting of Key Facilities. Raymond, Parish, Pine and Plavnich. Richmond, VA. 64 pp. April 1975.

Presents land use issues and factors concerning nine "key facility" types including power plants, bulk transmission lines, airports, ports, multi-model transportation centers, solid waste disposal facilities, onshore OCS support facilities, waterway impoundments and major government facilities. The role of these facilities as a stimulus for urbanization is considered.

LAND/WATER USE; ISSUES/PROBLEMS; DEVELOPMENT; GROWTH; PORTS/WATERFRONTS; ENERGY; FACILITY SITING; TRANSPORTATION; OCS

28-009 Virginia. Institute of Marine Science.

Stafford County Tidal Marsh Inventory. Moore, K. A. and G. M. Silberhorn. Special Report No. 62 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 44 pp. Maps. April 1975. (CZIC)

Inventories vegetation in tidal wetlands in this coastal county of Virginia. In addition to describing species composition in specific marsh areas, the text describes marsh types, their importance to coastal ecosystems (from a scientic point of view), and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-010 Virginia. Institute of Marine Science.

Prince William County Tidal Marsh Inventory. Moore, K. A. Special Report No. 78 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 39 pp. Maps. May 1975. (CZIC)

Inventory of vegetation in tidal marshes in this coastal county of Virginia. In addition to describing species composition in specific marsh areas, the text provides a description of marsh types, their importance to coastal ecosystems (from a scientific viewpoint) and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-011 Virginia. Institute of Marine Science.

King George County Tidal Marsh Inventory. Moore, K. A. Special Report No. 63 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 57 pp. Maps. July 1975. (CZIC)

Inventory of vegetation in tidal marshes in this coastal county of Virginia.

28-011 Virginia. Institute of Marine Science. (continued)

In addition to describing species composition in specific marsh areas, the text provides a description of marsh types, their importance to coastal ecosystems (from a scientific viewpoint) and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-012 Virginia. Institute of Marine Science.

Possible OCS Impacts on Virginia Explored. Schmied, R. Marine Resources Information Bulletin. Vol. VII, No. 6. Gloucester Point, VA. 2 pp. August/ September 1975. (CZIC)

Presents a public information brief describing Virginia's intent to develop and implement policies to ensure sound and orderly exploration of OCS resources and to minimize undesirable impacts.

PUBLIC PARTICIPATION; OCS

28-013 Virginia. Institute of Marine Science.

City of Hampton Tidal Marsh Inventory. Barnard, T. A. Special Report No. 60 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 66 pp. Maps. October 1975. (CZIC)

Inventories vegetation in tidal marshes in this coastal county of Virginia. In addition to describing species composition in specific marsh areas, the text provides a description of marsh types, their importance to coastal ecosystems (from a scientific viewpoint) and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-014 Virginia. Division of State Planning and Community Affairs. Virginia Land Use Council.

Final Report: Findings and Recommendations on the Siting of Key Facilities. Richmond, Virginia. 36 pp. December 1975.

Presents an approach to incorporating state and national interests into local land use decisions in Virginia. For each of 9 "key facility" types there is a proposed definition, a review of existing siting authorities, an assessment of state level authorities, recommendations, and comments. The facilities considered include power generation and transmission facilities, bulk transportation facilities, airports, harbors, solid waste disposal facilities, highways, government facilities and waterway impoundments.

28-014 Virginia. Division of State Planning and Community Affairs. Virginia Land Use Council. (continued)

FACILITY SITING; ENERGY FACILITY SITING; LAND/WATER USE; NATIONAL INTEREST; DEVELOPMENT; PORTS/WATERFRONTS; TRANSPORTATION

28-015 Virginia. Institute of Marine Science.

Coastal Zone Management: Use Without Abuse. Schmied, R. Marine Resources Information Bulletin Vol. VII, No. 2. Gloucester Point, VA. 2 pp. 1975. (CZIC)

Presents a public information brief that reviews preservation and development issues in coastal Virginia and describes the objectives and purpose of the state's coastal zone management program.

PUBLIC PARTICIPATION; GOALS/OBJECTIVES

28-016 Virginia. Institute of Marine Science.

Planning for Today and Tommorrow. Schmied, R. Marine Resources Information Bulletin Vol. 7, No. 4. Glouscester Point, VA. 3 pp. 1975 (CZIC)

Presents a public information brief describing the state coastal zone management program and its effort towards public education and involvement, an assessment of activities, data collection and analysis, identification of wetlands management needs, and coordination and administration.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

28-017 Virginia. Institute of Marine Science.

Fairfax County Tidal Marsh Inventory Including City of Alexandria and Arlington County. Doumlele, D. G. Special Report No. 108 in Applied Marine Science and Ocean Engineering. Gloucester Point, VA. 60 pp. Maps. March 1976. (CZIC)

Inventories vegetation in tidal marshes in this coastal county of Virginia. In addition to describing species composition in specific marsh areas, the text provides a description of marsh types, their importance to coastal ecosystems (from a scientific point of view) and a glossary of descriptive marsh terms.

COASTAL INVENTORIES; WETLANDS; VEGETATION; MARINE BIOLOGY

28-018 Virginia. Institute of Marine Science.

CZM Program Gains Legislative Attention. Schmied. R. Marine Resources Information Bulletin. Gloucester Point, VA. 4 pp. May-June 1976. (CZIC)

Presents a public information brief describing a state CZM role to study and advise the Governor and General Assembly on the state's coastal zone management program, particularly in the area of policy and legislative recommendations.

PUBLIC PARTICIPATION; PROGRAM DESCRIPTION

28-019 Virginia. Institute of Marine Science.

The Demise and Recovery of Eelgrass, Zostera Marina, in the Chesapeake Bay, Virginia, in Aquatic Botany 2(1976). Orth, R. Gloucester Point, VA. pp. 141 to 159. Maps. 1976. (CZIC)

Traces and analyzes the decline of an important species of underwater plant that provides nursery and habitat area to aquatic organisms. A decline in eelgrass abundance of 36% is recorded for the lower Chesapeake Bay between 1971 and 1974.

MARINE BIOLOGY; VEGETATION; COASTAL RESOURCES

28-020 Virginia. Institute of Marine Science.

City of Newport News and Fort Eustis Tidal Marsh Inventory. Special Report No. 137 in Applied Marine Science and Ocean Engineering. Moore, K. A. Gloucester Point, VA. 60 pp. Maps. April 1977. (CZIC)

This inventory is a requirement of the Virginia Wetlands Act. It is designed to assist planners at all levels of government, as well as industry. The seven sections describe marshes in the vicinity of Skiffes Creek and Goose Island, the marshes located on the Mulberry Island portion of Fort Eustis, and the marshes along the Warwick River and its tributaries.

COASTAL INVENTORIES; WETLANDS

28-021 Virginia. Institute of Marine Science.

City of Virginia Beach Marsh Inventory. Volume I: Northland River and Tributaries. Special Report No. 118 in Applied Marine Science and Ocean Engineering. Doumele, D. G. Gloucester Point, VA. 49 pp. Maps. September 1977. (CZIC)

The first of three volumes of the Virginia Beach inventory. Describes the wetlands of the North Landing River and its tributaries. Also includes methods, marsh types and evaluation, marsh types and their environmental

28-021 Virginia. Institute of Marine Science. (continued)

contributions, marsh plants, and a reference map to wetland sections.

COASTAL INVENTORIES; WETLANDS

28-022 Virginia. Coastal Resources Management Program.

Geographic Areas of Particular Concern in Virginia's Coastal Resources Management Study Program. Multi-pp. April 1977. (CZIC)

Contains selection criteria for areas of particular concern, as well as three fact sheets: one on the status of the Virginia Coastal Resources Management Plan, one on the federal, state, and local agencies involved, and one defining several coastal zone terms.

GEOGRAPHIC AREAS OF PARTICULAR CONCERN; COASTAL RESOURCES; PLANNING/MANAGEMENT; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

28-023 Virginia. Housing and Urban Development. Office of Coastal Zone Management.

Analysis of Land Use Permits in Southeast Virginia. Southeast Virginia Planning District Commission. 111 pp. February 1978.

The purpose of this report is to assist the coastal management program in offering shoreline management recommendations which would not duplicate existing permits and procedures. Through comparison, some localities have been finding ways in which to revise their own procedures.

LAND/WATER USE; PERMITS/PERMITTING; SOCIOECONOMICS; STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT; URBAN AREAS

28-024 Virginia. Institute of Marine Science.

Values and Management Strategies for Nonvegetated Tidal Wetlands. Specific Scientific Report No. 90. Theberge, L. and D. F. Boesch. Gloucester Point, VA. 55 pp. December 1978. (CZIC)

The major purpose of this study is to assist legislators in understanding the management proposals for nonvegetated wetlands which have been inserted into draft legislation. While concern about vegetated areas has grown, development has shifted to nonvegetated wetlands, resulting in their designation as critical areas. A review of the resource ecology of these wetlands is included.

PLANNING/MANAGEMENT; WETLANDS

28-025 Virginia. Institute of Marine Science.

Offshore Pipeline Corridors and Landfalls in Coastal Virginia. Special Report in Applied Marine Science and Ocean Engineering, No. 190. Volume I. Rooney-Char, A. H. and R. P. Ayres. Gloucester Point, VA. 80 pp. Maps. 1978. (CZIC)

Aims to anticipate and plan for the implications of oil and gas drilling on the Atlantic Continental Shelf. Specifically, it provides technical information on pipeline siting and construction requirements, as well as potential environmental impacts. Designed to help officials decide about pipelines coming ashore, and if they are allowed, decide which areas would be suitable as landfall sites.

PETROLEUM INDUSTRY; ENERGY FACILITY SITING; OCS

28-026 Virginia. Institute of Marine Science.

Offshore Pipeline Corridors and Landfalls in Coastal Virginia. Special Report in Applied Marine Science and Ocean Engineering, No. 190. Volume II. Rooney-Char, A. H. and R. P. Ayres. Gloucester Point, VA. Multi-pp. Maps. 1978. (CZIC)

Contains six appendices for the pipeline study: 1) pipeline siting considerations in coastal Virginia, Inventory maps, 2) environmental impacts and mitigating measures, 3) proposed dredging guidelines for subaqueous lands, 4) extracts from wetlands guidelines, 5) guidelines for the preparation of environmental impact statements, and 6) an inventory of Federal lands.

PETROLEUM INDUSTRY; ENERGY FACILITY SITING; OCS; MAPS/MAPPING; COASTAL INVENTORIES; DREDGING; WETLANDS

28-027 Virginia. Housing and Urban Development. Office of Coastal Zone Management.

Analysis of Land Use Permits in Crater Planning District. Crater Planning District Commission. 1978.

This report is intended to assist managers and planners in offering shoreline management recommendations dealing with land use permits.

LAND/WATER USE; PERMITS/PERMITTING; SOCIOECONOMICS; STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT; URBAN AREAS

28-028 Virginia. Coastal Resources Management Program.

Virginia's Coastal Zone - An Economic Analysis. Robinson, L. E. Virginia Department of Planning and Budget. 43 pp. January 1979. (CZIC)

Presents an overall picture of the state's coastal zone economy. Analyzes historical trends in several employment sectors and their relationships with

28-028 Virginia. Coastal Resources Management Program. (continued)

other characteristics such as income and population growth. There is special emphasis on activities that are related to the coast.

ECONOMICS; INDUSTRY/COMMERCE

28-029 Virginia. Office of the Secretary of Commerce and Resources.

The Virginia Coastal Resources Management Program. Multi-pp. April 1979. (CZIC)

Virginia's final management program. Includes chapters on objectives, boundaries, resources subject to management, shoreline erosion, public access, the energy facility siting process, planning and management of areas of particular concern, permitting, state organization and authority, state-Federal relations, the role of local governments, financial assistance, and public participation.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; BOUNDARIES; EROSION/SEDIMENTATION; PUBLIC ACCESS; ENERGY FACILITY SITING; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PERMITS/PERMITTING; STATE-LOCAL COORDINATION; PUBLIC PARTICIPATION

28-030 Virginia. Institute of Marine Sciences.

Shoreline Situation Reports in Marine Science and Ocean Engineering. Chesapeake Research Consortium Reports. Gloucester Point, VA. Multiple reports. 1979.

This series of 32 reports presents an assessment of current shoreline conditions, important shoreline parameters and characteristics of these coastal counties and cities in Virginia. The assessment reviews for specific shoreline segments: shoreline types, shoreland uses, shoreland ownership, zoning, water quality, shore erosion, potential shore uses, distribution of marshes, flood hazards, shellfish leases and beach quality.

COASTAL INVENTORIES; LAND/WATER USE; ZONING; WATER QUALITY; EROSION/SEDIMENTATION; DEVELOPMENT; WETLANDS; FLOODS AND FLOODING; FISH/FISHERIES; BEACHES/DUNES

28-031 Virginia. Office of the Secretary of Commerce and Resources.

Shoreline Erosion in the Commonwealth of Virginia: Problems, Practices and Possibilities. 265 pp. 1979.

Reports on the physical, legal and economic aspects of shoreline erosion. Erosion causes and analyses of the shoreline, the costs of erosion and erosion control, the policies necessary for treatment and existing management authority were examined.

28-031 Virginia. Office of the Secretary of Commerce and Resources. (continued)

BEACHES/DUNES; EROSION/SEDIMENTATION; ECONOMICS; LAWS & LEGISLATION

29-001 Washington. Department of Ecology.

Shoreline Master Program Review Workbook. Betchart, W. B. et. al., Seattle, WA. 33 pp. January 1974. (CZIC)

Outlines a procedure and criteria for the Washington State Department of Ecology to use in reviewing and evaluating shoreline management master programs or plans submitted by local jurisdictions. A comparison document entitled "Shoreline Master Program Review Workbook" contains working forms for use in the review.

STATE-LOCAL COORDINATION; PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; LAND/WATER USE

29-002 Washington. Department of Ecology. Office of Coastal Zone Management.

Description and Analysis of a Marco Land Use Model (MACLUSE). Swanson, K. C. and R. P. Paquette. Olympia, WA. 42 pp. June 1974. (CZIC).

Describes the testing of a land use model in Snohomish County to meet the needs of local jurisdictions faced with various specific shoreline problems. The land use model is a computerized system designed to describe the transfer of land among land use categories through time. Eight land use categories are identified.

LAND/WATER USE; STATE-LOCAL COORDINATION; DEVELOPMENT

29-003 Whatcom County Planning Commission.

The Drift Sectors of Whatcom County Marine Shores: Their Shoreforms and Geo-Hydraulic Status. Bauer, W. Whatcom County, WA. 74 pp. 1974.

Reviews eroding shorelines and causative processes for this coastal county in Washington's Puget Sound.

EROSION/SEDIMENTATION; GEOLOGY; COASTAL WATERS; BEACHES/DUNES

29-004 Washington. Department of Ecology. Office of Coastal Zone Management.

A Methodology for Location and Classification of Land Use Along the Shoreline. Mesmer, K. E. and K. C. Swanson. Olympia, WA. 36 pp. January 1975. (CZIC)

Suggests a methodology for use by local government planners which can be used for classification systems.

LAND/WATER USE; COASTAL INVENTORIES; MAPS/MAPPING; DEVELOPMENT

29-005 Washington. Department of Ecology. Office of Coastal Zone Management.

Shoreline Management Program Impact Measurement and Policy Projection: Project Status Report. Bledsoe, L. J., et. al. Olympia, WA. 97 pp. April 1975. (CZIC)

Part I: Presents information on the development of a model to predict future patterns of shoreline uses as applied to Snohomish County Shoreline Inventory System.

Part II: Presents a user's guide to the Snohomish County Shoreline Inventory System.

LAND/WATER USE; COASTAL INVENTORIES; INFORMATION SYSTEMS

29-006 Washington. Department of Ecology. Office of Coastal Zone Management.

Coastal Zone Management Study of Indian Trust Lands in Western Washington. Latourell Associates. Olympia, WA. 209 pp. June 1975.

Provides an overview of the present state of Indian management of coastal zone resources and the problems and impediments to more effective coastal zone management by Indians of their lands. Makes recommendations for improvements. Descriptions are given of coastal Indian history, organizations and reservations; and the Indian coastal zone management - government interfaces are examined.

NATIVE AMERICANS; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION; CULTURAL/HISTORICAL RESOURCES

29-007 Washington. Department of Ecology. Office of Coastal Zone Management.

Shoreline Management Atlas. Olympia, WA. Multi-pp. Maps. OVERSIZE. June 1975.

Presents maps compiled from inventory data collected by various county and local agencies of land use, ownership, and shoreline characteristics for marine waters and coastal areas of western Washington.

MAPS/MAPPING; COASTAL INVENTORIES; LAND/WATER USE; COASTAL RESOURCES;

29-008 Washington. Department of Ecology. Office of Coastal Zone Management.

Land Use Plan and Controls for San Juan County. San Juan County Planning Commission and Planning Department. Olympia, WA. Multi-pp. July 1975.

Summarizes progress by the county toward developing a comprehensive land use plan and implementing its regulations for the entire county including its

29-008 Washington. Department of Ecology. Office of Coastal Zone Management. (continued)

coastal zone. The first six months of this effort are examined and were devoted primarily to basic research and data gathering.

LAND/WATER USE; PLANNING/MANAGEMENT; STATE-LOCAL COORDINATION

29-009 Washington. Department of Ecology. Office of Coastal Zone Management.

User's Guide to the Snohomish County Shorelines Inventory System. Bledsoe, L. J., Brown, D. J. and M. McCrea. Olympia, WA. 54 pp. July 1975.

Describes the use of an interactive computer system designed to quickly extract and analyze data from the Snohomish County Shoreline Inventory data base. Describes how to operate the system and the coding system used.

INFORMATION SYSTEMS; COASTAL INVENTORIES

29-010 Washington. Department of Game.

A Baseline Survey of Significant Marine Birds in Washington State. Olympia, WA. 417 pp. Maps. September 1975. (CZIC)

Presents breeding, habital, feeding and distribution information for over 70 species of significant coastal birds.

WILDLIFE; RESOURCE PROTECTION

29-011 Washington. Department of Ecology. Office of Coastal Zone Management.

Marine Shoreline Fauna of Washington. A Status Survey. Washington Department of Game and Ecology. Coastal Zone Environmental Studies Report no. 2.

Surveys threathened birds and mammals in Washington's coastal zone. For each of the 140 species included, comments are made as to their abundance, feeding habit range, habit requirements, breeding status, etc. Their status (endangered, threatened, perfect or undetermined) is also included.

WILDLIFE; MARINE BIOLOGY; COASTAL INVENTORIES

29-012 Washington. Department of Ecology. Office of Coastal Zone Management.

State-Federal Coastal Zone Management Coordination Packet System. Olympia, WA. Multi-pp. 1975.

29-012 Washington. Department of Ecology. Office of Coastal Zone Management. (continued)

For each of the over forty federal agencies having coastal zone responsibilities, a structural format of 10 elements is compiled to serve as a primary instrument of understanding and coordination between state and federal counterparts. The ten elements address questions relevant to any coastal zone management role the federal agency might play and how it proposes to insure consistency with the state program. In emphasizing coastal zone management implications, elements address each agency's mission, organization, plans, grant programs, permit and licensing systems, geographic areas of influence, facility types influenced, activities and developments.

FEDERAL AGENCIES; FEDERAL CONSISTENCY; PLANNING/MANAGEMENT; PERMITS/PERMITTING; STATE/FEDERAL COORDINATION

29-013 Washington. Department of Ecology. Offfice of Coastal Zone Management.

A Study of Shoreline Uses and Trends in Aid of Shoreline Management for Puget Sound. Final Project Report. Bledsoe, L. J. and S. J. Murphy. Olympia, WA. 35 pp. February 1976.

Summarizes the interim results of a project to develop and implement practical methods to aid in shoreline planning and management. Chapter 1 describes the collection and classification of shoreline inventory information. Chapter 2 analyzes land use trends in a pilot study area (Snohomish County). Chapter 3 describes the system developed for retrieving inventory information. Chapter 4 summarizes three models developed to predict land use trends and scenarios of their use. Chapter 5 provides a statement of the role of land use patterns in shoreline management.

LAND/WATER USE; PLANNING/MANAGEMENT; INFORMATION SYSTEMS; COASTAL INVENTORIES

29-014 Washington. Department of Ecology. Office of Coastal Zone Management.

Shoreline/Coastal Zone Management. Olympia, WA. Brochure. March 1976.

Presents a public information brief of the Washington State coastal zone management program. Summarizes the need for the management effort, its goals, its problems and its relationship to other state programs.

PUBLIC PARTICIPATION; CULTURAL/HISTORICAL RESOURCES; GOALS/OBJECTIVES

29-015 Washington. Department of Ecology. Coastal Zone Management Program.

Washington State Coastal Zone Management Program. Olympia, WA. 153 pp. June 1976. (CZIC)

29-015 Washington. Department of Ecology. Coastal Zone Management Program. (continued)

Presents a description of the Washington Coastal Zone Management Program. Chapters describe the state's coastal zone, the authorities and organization of the program, a synopsis of federal agency and Indian involvement in the state's coastal zone, specific state CZM program elements, and the continuing development of the management program.

PROGRAM DESCRIPTION; PROGRAM DEVELOPEMENT; LAWS AND LEGISLATION; PLANNING/MANAGEMENT; STATE/FEDERAL COORDINATION; NATIVE AMERICANS; BOUNDARIES; PERMISSIBLE USES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; FEDERAL CONSISTENCY; PUBLIC PARTICIPATION

29-016 Washington. Department of Ecology. Office of Coastal Zone Management.

Washington State Coastal Zone Management Program. Olympia, WA. 143 pp. Appendices. Maps. January 1976. (CZIC)

Presents Washington's coastal zone management program as designed to meet the terms of section 306 of the Coastal Zone Management Act of 1972. In addition to describing the management program's operation and key elements, chapters review the state's coastal resources, state and federal roles in CZM, how the program meets the federal Act requirement, and a look into the program's future.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; COASTAL RESOURCES; BOUNDARIES; LAWS AND LEGISLATION; STATE-LOCAL COORDINATION

29-017 Washington. Department of Ecology.

San Juan County Shoreline Master Program. 79 pp. October 1976. (CZIC)

Presents goals and policies for managing use in the coastal zone, descriptions of affected environments and implementation regulations.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; LAND/WATER USE; LAWS AND LEGISLATION; PUBLIC ACCESS; WETLANDS; AQUACULTURE

29-018 Washington. Department of Ecology.

Critical Area Study, Baseline Study Program. Isakson, J. S. and T. A. Reichard. December, 1976. (CZIC)

Volume 1	Introduction	7 pp.	Appendices
Volume 2	Mammals	6 pp.	Appendices
Volume 3	Birds	9 pp.	Appendices
Volume 4	Fish	17 pp.	Appendices

29-018 Washington. Department of Ecology. (continued)

Volume 5 Maps Multi pp.

Presents a review and analysis of available information to determine critical areas for significant marine and estuarine species. Data gaps were identified and necessary additional studies were recommended.

CRITICAL AREAS; WETLANDS; COASTAL INVENTORIES; RESOURCE PROTECTION

29-019 Washington. Department of Ecology.

Final Economic Base Study for Pacific County. Human Resources Planning Institute. Seattle, WA. 130 pp. February 1977. (CZIC)

This report is an economic base study of Pacific County, Washington. The purpose of this study is to provide planners in Pacific County with a concise description with detailed support data of the economy of their area.

ECONOMICS; PLANNING/MANAGEMENT

29-020 Washington. Dept. of Ecology.

Second Teir Regulation Consistency and Integragion and Analysis of Department of Ecology Permit Process. Braman, J. D. Dept. of Ecology. 93 pp. Appendices. June 1977.

Recommendations for integrating coastal zone regulations and local governing zoning. Recommendations for integrating state, federal, and local coastal zone regulations; analysis of permit process with recommendations for improvement.

LAWS & LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS

20-021 Washington. Department of Ecology.

Aquatic Lands Definition Study. 39 pp. Appendices. January 1977.

Study to define the boundaries of Washington's aquatic lands. Presents results of field investigations to arrive at a valid definition. Use of tidal and floristic data were arrived at to help define aquatic land upland boundaries.

WETLANDS; BOUNDARIES; COASTAL INVENTORIES

29-022 Washington. Department of Ecology. (Coastal Energy Impact Program)

The Onshore Impacts of Alaskan Oil and Gas Development in the State of Washington. Multi-pp. June 1977. (CZIC)

Study assesses the impact of current and proposed petroleum activity in Puget Sound. Provides environmental description of the affected areas and assessment of various scenarios that might take place, e.g., pipeline construction.

FISH/FISHERIES; OIL POLLUTION/EFFECTS; ENVIRONMENTAL EFFECTS; NATURAL RESOURCES

29-023 Washington. Department of Ecology.

Coordinating Use of the Land and Water in Totten and Skookum Inlets. 70 pp. Appendices. June 1977.

Study undertaken to provide land use management recommendations to protect shellfish aquaculture operations.

LAND/WATER USE; AQUACULTURE; CONFLICTING USES

29-024 Washington. Department of Ecology. (Coastal Energy Impact Program)

Energy Refinements of the Washington State Coastal Zone Management Program. 181 pp. Appendices. June 1977.

Reviews CEIP provisions for assistance to states, examines the state's energy facility planning process, and identifies the state's legal rights and management potential in OCS development.

ENERGY; ENERGY FACILITY SITING; ENERGY LAWS & LEGISLATION; LEGAL/INSTITUTIONAL ANALYSIS; PROGRAM MONITORING/EVALUATION

29-025 Washington. Department of Ecology.

City of Bellingham Coastal Zone Management Study. Kramer, Chin & Mayo, Inc. Multi-pp. June 1977. (CZIC)

Refinement of the city's management program. Provides specific regulations and policies for waterfront development and public access.

ISSUES/PROBLEMS; FISH/FISHERIES; PUBLIC ACCESS; LAWS & LEGISLATION; WATERFRONT DEVELOPMENT

29-026 Washington. Department of Ecology.

Shoreline Master Program: City of Blaine. 42 pp. July 1977. (CZIC)

Describes management of water based uses of the city's coastal area. Description of the natural environment, policies and regulations of use activities within urban and rural environments as well as provisions for administration and enforcement.

LAND/WATER USE; LAWS & LEGISLATION; PUBLIC ACCESS; URBAN AREAS

29-027 Washington. Department of Ecology.

The Commercial Fishery of Willapa Bay. Part 1: The Fish, Clam and Crab Fishery. 93 pp. Part 2: The Oyster Industry of Willapa Bay. 50 pp. Shotwell, J. A. 1977. (CZIC)

Documents the development of seeral fisheries, current status, state assistance, and legislative and regulatory history of each.

FISH/FISHERIES; LAWS AND LEGISLATION

29-028 Washington. Department of Ecology.

King County Shoreline Management Master Program. Multi pp. Olympia, WA. June 1978.

Presents the goals, objectives, policies and regulations to aid in implementing management of coastal area development, public access and aquaculture.

PUBLIC ACCESS; GOALS AND OBJECTIVES; PROGRAM DESCRIPTION; AQUACULTURE; LAND/WATER USE

29-029 Washington. Department of Ecology. (Coastal Energy Impact Program)

Hoquiam Housing Study. 73 pp. Appendix. June 1978.

Study prepared in response to a projected increase in demand for housing because of the planned establishment of an oil drilling structure plant. The study profiles the current population, housing situation, projected housing needs, barriers to development and recommendations for development.

OIL AND GAS; SOCIOECONOMICS; FACILITY SITING

29-030 Washington. Department of Ecology. (Coastal Energy Impact Program)

Skagit Regional Planning Council Transportation Development Progam. 21 pp. Appendices. 1978. (CZIC)

Recommends a traffic management strategy to minimize impacts associated with construction of the Skagit Nuclear Project. Report identifies transportation improvements needed and quantifies increased traffic projections.

TRANSPORTATION; FACILITY SITING; SOCIOECONOMICS

29-031 Washington. Department of Ecology.

Coastal Accretion and Erosion in Southwest Washington. Phipps, J. and J. M. Smith. Olympia, Washington. 50 pp. Appendices. 1978 (CZIC)

This work examines the historical changes on the coastal beaches of Southwestern Washington up to the present. These changes have been mapped and the rates of erosion and/or accretion have been calculated. Projections of recent changes in the shoreline are used to construct a shoreline map for the year 2000. Man-induced dune modifications are considered in the last section of this report.

BEACHES/DUNES; CULTURAL/HISTORICAL RESOURCES; MAPS/MAPPING; COASTAL RESOURCES

29-032 Washington. Department of Ecology.

Baseline Program North Puget Sound Economic Analysis (Phase 1) Appendix E. Crutchfield, J. Dept. of Ecology. 181 pp. February 1979.

The purpose of this study was to establish gross values of commercial fisheries, sportfish and waterfowl, non-hunted wildfowl, water-oriented activities, and private waterfront property holdings in northern Puget Sound.

FISH/FISHERIES; ECONOMICS; RECREATION/TOURISM

29-033 Washington. Department of Ecology.

The City of Oakville Comprehensive Plan. Grays Harbor Regional Planning Commission. 21 pp. May 1979.

Outlines goals, objectives, policies directing the City of Oakville's future growth. Includes physical environment, residential, commercial, and industrial land uses.

GOALS/OBJECTIVES; PLANNING/MANAGEMENT; PERMISSIBLE USES

29-034 Washington. Department of Ecology.

Beach Enhancement Program. Bauer, W. Seattle Dept. of Community Development. 11 pp. Appendices. June 1979.

Preliminary plans and cost estimates for rehabilitation of beaches at Lincoln Park and Wuwamish Head/Alki Park.

BEACHES/DUNES; DEVELOPMENT

29-035 Washington. Department of Ecology.

Coastal Zone Atlas of Washington - Kitsap County. Shorelands Management. Dept. of Ecology. Multi-pp. June 1979.

Mapped information on seven parameters important in coastal decisionmaking, including geology, slope stability, coastal flooding, sand and gravel resources, coastal drift sectors, landcover/land use, and critical biological areas.

MAPS/MAPPING; PERMISSIBLE USES; PLANNING/MANAGEMENT; GEOLOGY

29-036 Washington. Department of Ecology.

Duwamish Study. Horwood, J., et. al. Dept of Community Development. Seattle, WA. 7 pp. Appendices. June 1979.

Discusses uses of Duwamish Estuary both as major industrial waterway and as part of the local fishery. Suggests actions City could take to maintain or improve fishery and permit use of estuary for shipping and industrial uses.

ESTUARIES; INDUSTRY; FISH/FISHERIES; SHIPPING

29-037 Washington. Department of Ecology.

Coastal Zone Atlas of Washington - King County. Shorelands Management. Dept. of Ecology. Olympia, WA. Multi-pp. July 1979.

Mapped information on seven parameters important in coastal decisionmaking, including geology, slope stability, coastal flooding, sand and gravel resources, coastal drift sectors, landcover/land use, and critical biological areas.

MAPS/MAPPING; ATLASES; GEOLOGY; PLANNING/MANAGEMENT

29-038 Washington. Department of Ecology.

Baseline Report on Skagit County. Munce, I. S. Skagit Regional Planning Council. 60 pp. November 1979.

Establishes a baseline against which to measure primary and secondary socio-economic impacts to the Skagit County area which could result from construction of the proposed Skagit Nuclear Power Plant.

SOCIOECONOMICS; ENERGY FACILITY SITING

29-039 Washington. Department of Ecology.

Coastal Zone Atlas of Washington Automated Data Base: An Introduction. 23 pp. March 1980. (CZIC)

An introductory information booklet explaining the Washington coastal zone atlas and computer automated data base containing environmental and land use data.

ATLASES; MAPS/MAPPING; INFORMATION SYSTEMS

29-040 Washington. Department of Ecology.

Coastal Zone Atlas of Washington Land Cover/Land Use Narratives. Volume 1: Urban, Agriculture, Nonforested Uplands, Forest, Water. (Pages 1-447) Volume 2: Wetlands, Exposed and Other Lands, Appendices, Glossary, Index (Pages 448-887). Albright, R., Hirschi, R., Vanbianchi, R. and C. Vita. 887 pp. June 1980. (CZIC)

Narratives of land cover and use detailing the various types of habitats in the coastal zone and the interactions between them.

ATLASES; MAPS/MAPPING; COASTAL INVENTORIES

29-041 Washington. Department of Ecology.

Bellingham Maritime Heritage Center Development Plan. Kramer, Chin and Mayo. City of Bellingham. 57 pp. June 1980.

A development plan to guide the implementation of the Bellingham Maritime Heritage Center.

WATERFRONT DEVELOPMENT; PLANNING/MANAGEMENT; CULTURAL/HISTORICAL RESOURCES

29-042 Washington. Department of Ecology.

City of Blaine Shoreline Master Program Permit Procedures. City of Blaine Planning Commission. 13 pp. Appendices. June 1980.

A guide for applying for substantial development permit, shoreline conditional use or shoreline variance.

DEVELOPMENT; ZONING; INFORMATION SYSTEMS; PERMITS/PERMITTING

29-043 Washington. Department of Ecology.

Ruston Way Plan: City of Tacoma, Washington. Alford, B. and D. Kinkela. 66 pp. Appendices. June 1981. (CZIC)

Presents policies and objectives as well as design recommendations for development of the urban waterfront area of Tacoma.

WATERFRONT DEVELOPMENT; PORTS/HARBORS; RECREATION/TOURISM; INDUSTRY/COMMERCE

29-044 Washington. Department of Natural Resources and Department of Fisheries.

Management Plan for the Puget Sound Commercial Subtidal Hardshell Clam Fishery. 69 pp. Appendices. November 1981. (CZIC)

Provides management procedures and policies for: site selection, environmental evaluation, interagency coordination, harvest monitoring and enforcement. Also included are information on clam biology, the fishery and management objectives.

FISH/FISHERIES; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION

30-001 Wisconsin. Department of Administration. Coastal Management Development Program.

Proceedings: Conference on the Coastal Zone, Wednesday, January 29, 1975, International Forum, Green Bay, Wisconsin. Sponsored by the Bay-Lake Regional Planning Commission and the College of Environmental Sciences. University of Wisconsin - Green Bay. Madison, WI. 77 pp. February 1975.

Presents the proceedings of a conference at which various coastal zone management related topics were discussed. Subjects addressed included a state overview of the coastal zone, shore erosion, flooding, port development, public participation, ecologically sensitive areas, the Oregon CZM experience, the Michigan CZM experience and the local perspective for Door County.

CONFERENCES/WORKSHOPS; ISSUES/PROBLEMS; FLOODS/FLOODING; PUBLIC PARTICIPATION; CRITICAL AREAS; PORTS/WATERFRONTS; EROSION/SEDIMENTATION; PROGRAM DESCRIPTION

30-002 Wisconsin. Department of Administration. Coastal Management Development Program.

Wisconsin's Great Lakes Ports: Background and Future Alternatives. Mayer, H. M. Madison, WI. 66 pp. Appendices. Maps. July 1975. (CZIC)

Reviews information on Wisconsin's commercial ports and Great Lakes shipping traffic. Also discussed are some general issues related to port development in the U.S., alternative roles for the state of Wisconsin in port development, and some special problems and future investigations. Appendices review Wisconsin port facilities, federal agency roles, Wisconsin port related legislation, and harbor dredging in Lakes Michigan and Superior.

PORTS/WATERFRONTS; SHIPPING; DREDGING; LAWS AND LEGISLATION;

30-003 Wisconsin. Department of Administration. Coastal Management Development Program.

Annotated Bibliography of Water Quality Information, Wisconsin Great Lakes and Tributary Streams. Wisconsin Department of Natural Resources. Madison, WI. 23 pp. Maps. August 1975.

Presents an annotated bibliography of materials containing water quality descriptions for the coastal zone of Wisconsin. The bibliography is arranged alphabetically under the five headings: 1) Great Lakes and Wisconsin Tributary streams, 2) General - sets of reports, 3) Bay Lake coastal counties, 4) Northwestern Wisconsin coastal counties and 5) Southeastern Wisconsin coastal counties. Maps are included showing geographic areas described in the cited documents.

BIBLIOGRAPHY; WATER-RESOURCES; WATER POLLUTION; WATER QUALITY; LAND/WATER USE; COASTAL WATERS

30-004 Wisconsin. Wisconsin Coastal Zone Management Program.

Economic Impact of Recreation in the Coastal Zone (Interior Report - First Year). Huddleston, J., et. al. 116 pp. September 1975. (CZIC)

This first year report analyzes existing information on demand and supply of coastal recreation and explores new approaches to developing information for reviewing the importance of recreation development in the coastal counties. It also explores general policy issues at the state level relating to public and private recreation development.

RECREATION/TOURISM; DEVELOPMENT; ISSUES/ PROBLEMS; STATE-LOCAL COORDINATION

30-005 Wisconsin. Department of Administration. Coastal Management Development Program.

Inventory of Wisconsin Land Resource Data. Wisconsin State Planning Office. Madison, WI. Multi-pp. November 1975. (CZIC)

Presents a guide to existing land resource data for the entire state. Its intent is to facilitate access by public and private decision-makers to available information. Subject categories include general sources, human-related resources, biological resources, earth-related resources, air-related resources, and water-related resources. Agencies and contacts are listed.

COASTAL INVENTORIES; WATER-RESOURCES; AIR-RESOURCES; COASTAL RESOURCES

30-006 Wisconsin. Department of Administration. Coastal Management Development Program.

Annotated Bibliography of Geological, Hydrological, Soils and Climatological Information for Wisconsin's Great Lakes Coastal Zone Communities. University of Wisconsin - Geological and Natural History Survey. Madison, WI. 116 pp. 1975.

Presents an annotated bibliography of each of the four topics given in the title. Each is arranged alphabetically by author. Over 450 citations.

BIBLIOGRAPHY; GEOLOGY; WATER-RESOURCES; CLIMATE/WEATHER

30-007 Wisconsin. Department of Administration. Coastal Management Development Program.

Rural Land Resource Management in Wisconsin Coastal Counties. Lehmann, R., et. al. Madison, WI. Multi-pp. 1975.

Presents an extensive survey conducted by mail and personal interviews of county and local land use and zoning administrators in the unincorporated areas of the coastal zone. Evaluates the status of local ordinances and

30-007 Wisconsin. Department of Administration. Coastal Management Development Program. (continued)

how they are administered.

LAND/WATER USE; STATE-LOCAL COORDINATION; ZONING

30-008 Wisconsin. Department of Administration. Coastal Management Development Program.

Coastal Imagery: Final Report. Wisconsin Department of Natural Resources. Madison, WI. Multi-pp. January 1976.

Provides an index to available aerial photographs and other remote sensing imagery of Wisconsin's Lake Michigan and Lake Superior shorelines. Report is a printout of coded information by geographic area and data of imagery.

REMOTE SENSING; COASTAL INVENTORIES

30-009 Wisconsin. Department of Administration. Coastal Management Development Program.

Proposed Shore Erosion Policy Study--Final Study Report. Wisconsin Department of Administration. Madison, WI. Multi-pp. February 1976.

Describes a study to develop alternative policies for the abatement of shore damage and protection of shore property. A series of technical studies will include basic inventories and specific analytical studies on shore erosion, critical erosion areas, protective structures and lake levels.

EROSION/SEDIMENTATION; CRITICAL AREAS; ENGINEERING; NATURAL HAZARDS; COASTAL WATERS

30-010 Wisconsin. Department of Administration. Coastal Management Development Program.

Wisconsin Coastal History Trails: Lake Michigan. Wisconsin State Planning Office. Madison, WI. 70 pp. Maps. February 1976. (CZIC)

Describes the routes, attractions and history along biking, hiking, and boating trails in Wisconsin's Lake Michigan coastal area.

RECREATION/TOURISM; CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES; COASTAL INVENTORIES

30-011 Wisconsin. Department of Administration. Coastal Management Development Program.

Wisconsin Coastal History Trails: Lake Superior. Wisconsin State Planning Office. Madison, WI. 45 pp. Maps. February 1976. (CZIC)

Describes routes, attractions, and history along biking, hiking and boating trails in Wisconsin's Lake Superior coastal area.

RECREATION/TOURISM; COASTAL INVENTORIES; CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES

30-012 Wisconsin. Department of Administration. Coastal Management Development Project.

Public Access to the Great Lakes: A Policy Study. Wisconsin Department of Natural Resources. Madison, WI. 59 pp. Appendices, Executive Summary. March 1976. (CZIC)

Provides background information and lays out alternative futures relating to public access to Wisconsin's Great Lakes. Discussed are four major issues including 1) insufficient public access facilities, 2) environmental degradation resulting from increased access, 3) conflicts to public access facility development and use, and 4) insufficient public access to special groups. Existing policies, programs, and facilities are reviewed as are public access policies and management approaches. Bibliography and appendices included.

ISSUES/PROBLEMS; PUBLIC ACCESS; POLLUTION; CONFLICTING USES; COASTAL WATERS

30-013 Wisconsin. Department of Administration. Coastal Management Development Program.

Economic Impact of Recreation-Tourism. Summary and Technical Summary. Draft. Mueller, R. W. and M. A. Sharpe. Madison, WI. 19 pp. Summary. 122 pp. Technical Summary. May 1976.

Attempts to measure the level of sales attributed to recreation and tourism in coastal communities by reviewing monthly sales and trends of such things as lodgings, eating and drinking, amusement, gasoline, food stores and others. The study's methodology is described.

RECREATION/TOURISM; ECONOMICS; STATISTICS

30-014 Wisconsin. Department of Administration. Coastal Management Development Program.

Impacts of Recreation in the Coastal Zone: Demand and Supply of Recreation in Wisconsin's Coastal Counties. Somersan, A. and M. Neuman. Madison, WI. 84 pp. May 1976.

30-014 Wisconsin. Department of Administration. Coastal Management Development Program. (continued)

Analyzes existing information on demand and supply of recreation in 15 coastal counties in Wisconsin. The level and projected growth of demand for swimming, boating, fishing, sightseeing, camping and hiking are determined. The supply of recreational facilities is also reviewed.

RECREATION/TOURISM; BOATING; FISH/FISHERIES

30-015 Wisconsin. Department of Administration. Coastal Management Development Program.

Impacts of Recreation in the Coastal Zone: Large Recreational Home Developments in Wisconsin's Coastal Zone. Prentice, C., Schink, D. and A. Somersan. Madison, WI. 98 pp. May 1976.

Examines the supply and demand, regulation, problems and impacts of relatively large scale recreational home complexes which offer such amenities as marinas, golf courses and the like. Appendices include a bibliography, review of some second home development in the state's coastal zone, and some general considerations and literature relevant to the subject.

DEVELOPMENT; LAND/WATER USE; RECREATION/TOURISM; BIBLIOGRAPHY

30-016 Wisconsin. Department of Administration. Coastal Management Development Program.

Preliminary Historic Structures Survey: Wisconsin's Great Lakes Counties. Dean, J., Cleary, F. L. and K. E. Hundt. Madison, WI. 312 pp. Maps. May 1976.

Identifies 2400 sites with structure of historic or architectural significance or archeological significance. The inventory is listed by county.

CULTURAL/HISTORICAL RESOURCES; COASTAL RESOURCES; COASTAL INVENTORIES

30-017 Wisconsin. Department of Administration. Coastal Management Development Program.

Impacts of Recreation in the Coastal Zone: Economic Impact and Needs of Wisconsin's Great Lakes Boaters, 1975. Somersan, A. Madison, WI. 44 pp. Appendices. July 1976. (CZIC)

Identifies the mutual dependency between Great Lakes boaters and the economy of the coastal communities. A socioeconomic profile of Great Lakes boat ramp and marina users and their preferences and needs for facilities and services is also provided.

30-017 Wisconsin. Department of Administration. Coastal Management Development Program. (continued)

RECREATION/TOURISM; BOATING; ECONOMICS; MARINAS; INDUSTRY/COMMERCE

30-018 Wisconsin. Wisconsin Coastal Zone Management Program.

Wisconsin's Great Lakes Ports: Alternative State Policy Options. Wisconsin Department of Transportation. Madison, WI. 42 pp. Appendices. September 1976. (CZIC)

This report deals with the policies relating to the Wisconsin Great Lakes commercial ports. Some background information and a brief mention of the smaller, recreational type ports is also given.

SHIPPING; INDUSTRY/COMMERCE; PORTS/WATERFRONTS; BOATING

30-019 Wisconsin. Wisconsin Coastal Zone Management Program.

Public Access to the Great Lakes - A Policy Study. Neuman, M. T. Madison, WI. 44 pp. Appendices. September 1976. (CZIC)

This report discusses public access to the Great Lakes along Wisconsin's waterfront. It covers supply and needs, problems in providing public access, existing public access policy, future choices and conclusions.

PUBLIC ACCESS; ISSUES/PROBLEMS

30-020 Wisconsin. Wisconsin Coastal Zone Management Program.

Framework for a Potential Wisconsin Coastal Management Program. Wisconsin Coastal Coordinating and Advisory Council. Madison, WI. 12 pp. Appendices. November 1976. (CZIC)

This report consists of the Coastal Coordinating and Advisory Council position statements on the subject matter and organization of a potential coastal program in Wisconsin, as well as statements on what the boundaries of the coastal area should be. Several detailed appendices are attached to provide further background material.

BOUNDARIES; PROGRAM DEVELOPMENT

30-021 Wisconsin. Wisconsin Coastal Zone Management Program.

Community Sailing Program. Wypp, J. Milwaukee, WI. 3 pp. November 1976. (CZIC)

Briefly describes the Community Sailing Program which was formed in order to

30-021 Wisconsin. Wisconsin Coastal Zone Management Program. (continued)

increase access to Lake Michigan while keeping privately owned boats to a minimum.

BOATING; PUBLIC PARTICIPATION; RECREATION/TOURISM

30-022 Wisconsin. Wisconsin Coastal Zone Management Program.

Evaluation of Public Participation in the Wisconsin Coastal Management Program, 1974 to May 1976. Madison, WI. 60 pp. 1974 - 1976. (CZIC)

This evaluation focuses on how effective the current structure and participation methods have been and it makes recommendations for improving future participation policies.

PUBLIC PARTICIPATION; PROGRAM MONITORING/EVALUATION

30-023 Wisconsin. Wisconsin Coastal Zone Management Program.

Shore Erosion: A Study Plan: 1976. Department of Natural Resources, State Planning Office. Madison, WI. 12 pp. 1976. (CZIC)

The primary goal of this study is the development of alternative plans for the prevention and abatement of shore damage to private and public coastal property. The overall effort of the study can be divided into two major activities: 1. Public involvement and review, and 2. Technical studies.

EROSION/SEDIMENTATION; NATURAL HAZARDS; PUBLIC PARTICIPATION

30-024 Wisconsin. Department of Natural Resources. Coastal Zone Management Program.

Shore Erosion: A Bibliography, 1976. Annotated Bibliography of Shore Erosion and Related Physical Materials Concerning Wisconsin's Great Lakes Coastal Areas. Madison, WI. 116 pp. 1976. (CZIC)

Presents an annotated bibliography with over 450 entries. Citations are listed alphabetically by author within five broad subject area categories including geology, hydrology, soil climatology and supplemental data.

BIBLIOGRAPHY; EROSION/SEDIMENTATION; GEOLOGY; CLIMATE/WEATHER; COASTAL WATERS

30-025 Wisconsin. Department of Administration. Coastal Management Development Program.

Coastal Zone Gazette: News Clipping on Great Lakes Issues. Wisconsin State Planning Office. Madison, WI. Multi Dates.

30-025 Wisconsin. Department of Administration. Coastal Management Development Program. (continued)

Presents a regular compilation (8 per year) of news clippings on coastal zone issues and activities from Wisconsin newspapers.

ISSUES/PROBLEMS; INDUSTRY/COMMERCE

30-026 Wisconsin. Department of Administration. Coastal Management Development Program.

Current Events Monitor: Wisconsin Coastal Area. Wisconsin State Planning Office. Madison, WI. Multi Dates.

Presents a regular publication of activities and issues relevant to coastal zone management in Wisconsin.

PUBLIC PARTICIPATION; ISSUES/PROBLEMS; PROGRAM DESCRIPTION

30-027 Wisconsin. Coastal Zone Management Program.

Impacts of Recreation in the Coastal Area: Demand and Supply of Recreation in Wisconsin's Coastal Counties. Somersan, A. and M. Neuman. 64 pp. Appendices. February 1977. (CZIC)

This report reviews and projects the demand for selected summer recreation activities and presents a summary of the supply of facilities in the coastal counties and communities.

RECREATION/TOURISM

30-028 Wisconsin. Coastal Zone Management Program.

Shore Erosion Study - Technical Report. Shoreline Erosion and Bluff Stability Along Lake Michigan and Lake Superior Shorelines of Wisconsin. 199 pp. (CZIC)

The shore erosion study was initiated with the primary goal of developing alternative plans for the prevention and abatement of shore damage to private and public coastal property. The study may be divided into three major elements: 1) the analysis of protective structural alternatives, 2) the analysis of nonstructural alternatives, and 3) the field survey of erosion problem areas. This report represents the field survey effort and is based directly on many of the preceding work elements. Topics covered include: introduction, slope failure and bluff retreat, general shoreline conditions, and summary and conclusions. Appendices cover each of the counties involved.

EROSION/SEDIMENTATION; NATURAL HAZARDS; STATE-LOCAL COORDINATION; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

30-029 Wisconsin. Coastal Zone Management Program.

Coastal Survey - Analysis of Public Comments on the Coastal Management Questionnaire, April 1977. Wisconsin. 35 pp. April 1977.

This survey was designed to give people who had an interest in the coastal zone management program a chance to express their views and to aid the Council in developing a coastal management proposal. The first chapter presents an analysis of how coastal property ownership affected survey response. Appendix A provides survey data on a county and regional basis.

PUBLIC PARTICIPATION; PROGRAM DEVELOPMENT

30-030 Wisconsin. Wisconsin Coastal Management Program.

Some Nonstructural Alternatives for the Reduction of Shore Damages - Great Lakes - 1977. Wisconsin Department of Natural Resources. Madison, WI. 11 pp. 1977. (CZIC)

This paper provides a range of techniques by which the likelihood of erosion damages can be taken into account in development proposals as well as provide some means of relief to protect those investments already committed in the areas subject to erosion damage.

EROSION/SEDIMENTION; DEVELOPMENT; ECONOMICS

30-031 Wisconsin. Wisconsin Coastal Management Program.

Shore Erosion Study - Shoreline Erosion and Bluff Stability along Lake Michigan and Lake Superior Shorelines of Wisconsin. Technical Reports. Appendices 1-6 and 8. Wisconsin. Multi-pp. 1977. (CZIC)

These appendices provide detailed information on shoreline conditions within the counties listed below. Parts of the shoreline are broken down by reach and geographic section within each reach. The accompanying text describes the characteristics of shoreline conditions at the beginning of each section. The counties covered and the publication dates are:

Appendix 1	Kenosha County (February 1977)
Appendix 2	Racine County (February 1977)
Appendix 3	Milwaukee County (February 1977)
Appendix 4	Ozaukee County (February 1977)
Appendix 5	Sheboygan County (April 1977)
Appendix 6	Southern and Central Manitowoa County (April 1977)
Appendix 7	Not published
Appendix 8	Compilation of additional geologic and geotechnical information on Milwaukee County (February 1977)

30-031 Wisconsin. Wisconsin Coastal Management Program. (continued)

EROSION/SEDIMENTATION; NATURAL HAZARDS; STATE-LOCAL COORDINATION; ISSUES/PROBLEMS; PLANNING/MANAGEMENT

30-032 Wisconsin. Coastal Management Program.

Survey of Wisconsin's Great Lakes Marinas. Multi-pp. 1979.

Identifies physical demand and management characteristics of Wisconsin's Great Lakes marinas. Also identified are problem areas in marinas that hinder profitable operating performance. Management recommendations are made.

MARINAS; ISSUES/PROBLEMS; PLANNING/MANAGEMENT; SOCIOECONOMICS

30-033 Wisconsin. Coastal Management Program.

Planning for Container Handling; Deep Sea Container Line Service 1980-85 - Port of Milwaukee. Multi-pp. January 1980.

Provides development recommendations for the port. Included are a study of commercial development, socioeconomic impact analysis, an engineering feasiblilty study and a marketing analysis of the proposed development.

PORTS/WATERFRONTS; INDUSTRY/COMMERCE; SOCIOECONOMICS; ENGINEERING; DEVELOPMENT

30-034 Wisconsin. Coastal Management Program.

Racine Harbor Management Study. 137 pp. May 1980.

Presents a plan to enhance the waterfront area of the city by unifying harbor management functions, consolidating commercial dock sites, developing private marinas and implementing various development projects (e.g., parks, housing, commercial development).

PUBLIC ACCESS; PORTS/HARBORS; INDUSTRY/COMMERCE; LAND/WATER USE; MARINAS; DEVELOPMENT

30-035 Wisconsin. Department of Natural Resources.

A Survey of Lake Michigan and Apostle Islands Reefs and Shoals. Volume 1. Stram, D., Keillor, P. and R. Horrall. 150 pp. June 1980.

Provides information on habitat in reefs and shoals that may be suitable for fish spawning. Also examines known spawning areas and the feasibility of underwater (diver) assisted reestablishment of populations by placement of trout fry sacs.

30-035 Wisconsin. Department of Natural Resources. (continued)

GEOLOGY; HYDROLOGY; FISH/FISHERIES

30-036 Wisconsin. Office of State Planning and Energy.

Bay Beach Wildlife Sanctuary Master Plan. Jacobs, J. P., Brue, J. A. and H. A. Badeau. 169 pp. July 1980.

Provides a management plan for the sanctuary based on the collection and analysis of baseline physical, ecological and socioeconomic data.

PLANNING/MANAGEMENT; COASTAL INVENTORIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

30-037 Wisconsin. Coastal Management Program.

Harbor Area Master Plan: City of Kenosha. Multi-pp. August 1980.

Reports results of a market analysis, site selection and restrictions, evaluation of alternatives and development recommendations for commerical marinas.

DREDGING; MARINAS; DEVELOPMENT; SOCIOECONOMICS

30-038 Wisconsin. Coastal Management Program.

Green Bay West Shore Study - Summary Report. Multi-pp. September 1980.

Summarizes activities and findings of the report designed to identify and resolve conflicts at the local, state and regional levels with respect to coastal areas issues. Also reports on mechanisms proposed to involve the public in planning decisions and to coordinate planning activities.

ISSUES/PROBLEMS; PUBLIC PARTICIPATION; LAND/WATER USE; CONFLICTING USES; PLANNING/MANAGEMENT

30-039 Wisconsin. Coastal Management Program.

Montreal River Canyon - A Management Plan. 30 pp. Appendices. October 1980.

Provides information to increase awareness of the site, to identify the landscape features and scenic attributes of the canyon, explore management alternatives and make final recommendations.

PUBLIC ACCESS; AESTHETICS; PUBLIC AWARENESS; RESOURCE PROTECTION

30-040 Wisconsin. Office of State Planning and Energy. (Coastal Energy Impact Program).

Alternative Energy Analysis Report for Bay Beach Wildlife Sanctuary, Green Bay, WI. 10 pp. Appendices. December 1980.

Analyzes alternative energy systems for proposed sanctuary building to provide heating, ventilation, air conditioning, water and electrical power.

ALTERNATIVE ENERGY

30-041 Wisconsin. Office of Coastal Management.

Natural Area Inventory Wisconsin Great Lakes Coast - Revised 1980. Tans, W. and R. Dawson. 53 pp. 1980.

Inventories the coastal zone to locate remnant natural areas and features. Sites extend up to six miles inland from Lakes Superior and Michigan and are evaluated primarily on the basis of their terrestrial plant communities.

COASTAL INVENTORIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; VEGETATION

30-042 Wisconsin. Coastal Management Program.

Lake Michigan Shoreline Study 1979 - 1980: Grant Park to Bender Park. 25 pp. Appendices. 1980.

Examines a 3.5 mile shoreline measuring the extent and rates of shoreline erosion. Reviews the causes of bluff erosion and presents a plan for stabilization and recreational enhancement.

EROSION/SEDIMENTATION; RECREATION/TOURISM; COASTAL INVENTORIES

30-043 Wisconsin. Coastal Management Program.

Management Plan for Fish Creek Harbor. 66 pp. Appendices. 1980.

Presents a plan to develop and maintain an existing recreational boating area. Examines the physical area of the harbor, outlook for future boating, and provides an implementation plan.

LAND/WATER USE; BOATING; RECREATION/TOURISM; PLANNING/MANAGEMENT

30-044 Wisconsin. Coastal Management Program.

Great Lakes Dredging Policy Study. Bureau of Coastal Management. 83 pp. Madison, WI. January 1981.

30-044 Wisconsin. Coastal Management Program. (continued)

Provides a policy investigation to examine the dredging needs and problems of the state's Great Lakes harbors. The report is organized into four parts: 1) The evolution of state and federal policies affecting dredging; 2) The matrix of state and federal regulatory requirements for dredging; 3) The status of dredged material disposal; 4) The environmental impacts and dredged material disposal policies of the Great Lakes states.

DREDGING; ENVIRONMENTAL IMPACTS; PERMITS/PERMITTING; POLICY FORMULATION/ EVALUATION; NAVIGATION

30-045 Wisconsin. Coastal Management Program.

Great Lakes Harbor Dredging Case Studies: Kewaunee, Sheboygan, Superior. Purinton, J. and A. Shea. 76 pp. Appendices. Bureau of Coastal Management. Madison, WI. February 1981.

Report examines dredging needs and problems of the state's Great Lakes harbors with specific analysis of three Wisconsin ports. For each harbor the report provides an economic analysis, a description of the dredging situation, and a summary of the key issues affecting the port.

DREDGING; ECONOMICS; PORTS/WATERFRONTS; NAVIGATION; SOCIOECONOMICS

30-046 Wisconsin. Coastal Management Program (Coastal Energy Impact Program).

City of Kewannee Waterfront Recreation Plan. 57 pp. Maps. March 1981.

Updates and revises 1978 harbor plan by showing existing and alternative locations of boat ramps, parking areas, vehicular and pedestrian access and bulkhead construction. Provides recommendations for a future recreational development.

PORTS/WATERFRONTS; PUBLIC ACCESS; RECREATION/TOURSIM; DEVELOPMENT

30-047 Wisconsin. Coastal Management Program.

The Interbasin Transfer of Water: Fact or Fantasy. Wagner, G. 24 pp. Bureau of Coastal Management. Madison, WI. October 1981.

This research paper traces the history of water transfer in the U.S. It outlines the legal, economic and political aspects of transfers; outlines alternatives to water transfers; and makes recommendations for future water diversion efforts. The report was prepared with the Great Lakes in mind as a potential water source of water diversions.

WATER DEVELOPMENT PROJECTS; WATER RESOURCES

30-048 Wisconsin. Coastal Management Program.

Barkhausen Game Preserve - Master Plan. Multi-pp. October 1981.

Provides a plan to identify, restore and preserve archeological, historical and natural areas, as well as a managment plan for wildlife protection and recreational use.

WETLANDS; CULTURAL/HISTORICAL RESOURCES; PLANNING/MANAGEMENT; NATURAL RESOURCES; RECREATION/TOURISM

30-049 Wisconsin. Coastal Management Program.

North Lakefront Study. 75 pp. October 1981

Presents a detailed plan to coordinate acquisition and development of coastal zone property. Examines feasibility of utilizing dredge spoils to create land, surveys recreational usage, land acquisition alternatives and recreational development.

DREDGING; WETLANDS; RECREATION/TOURISM; DEVELOPMENT

30-050 Wisconsin. Coastal Management Program.

Pattern and Function in the Mink River Watershed with Management Alternatives. Sterns, F. W. and J. R. Keough. 100 pp. University of Wisconsin, Milwaukee. Milwaukee, WI. May 1982.

Study presents a management plan for the Mink River estuary and watershed. The study components include: Examination of the upland watershed to determine the plant communities, present land use patterns, and potential disturbance or development; determination of the structure and function of the wetland communities; An approximation of water, mineral and energy flows and; documentation of water level changes.

WETLANDS; ESTUARIES; WATER QUALITY; COASTAL INVENTORIES

31-001 Guam. Guam Coastal Management Program. Bureau of Planning.

Mechanisms for Land-Use Control on Guam. Guam Coastal Zone Management Program. Bureau of Planning. 1975.

A compilation of data pertaining to regulatory land-use controls on Guam with discussion and flow charts of permitting procedures for such activities as zoning variances, building permits, subdivisions and PUDs, COE permits, agricultural leases; with actual permit forms and guidelines included in the report.

URBAN AREAS; DEVELOPMENT; LAWS AND LEGISLATION; LAND/WATER USE; ZONING; AGRICULTURE

31-002 Guam. University of Guam Sea Grant Program.

Guam Coastal Planning Bibliography. Prepared by M. J. Gawel. USGS 76-07. Guam Coastal Management Program. Bureau of Planning. Marine Laboratory, University of Guam. 205 pp. September 1976. (CZIC)

Identifies categories and systematically presents all available written information about Guam including published and unpublished material; magazine and journal articles; and documents prepared by or for the military and federal agencies.

BIBLIOGRAPHY; PLANNING/MANAGEMENT

31-003 Guam. Guam Coastal Management Program. Bureau of Planning.

A Guide to Changes in Laws Relative to Land and Water Use, 1969 - 1976. Storch, M. T. Bureau of Planning. Agana, GU. 38 pp. October 1976.

A presentation of changes in Guam's code of laws relative to land and water use during the period of time between 1969 - 1976.

LAND/WATER USE; LAWS AND LEGISLATION

31-004 Guam. Guam Coastal Management Program. Bureau of Planning.

Atlas of the reef and beaches of Guam with Appendix: Estuarine and Mangrove Shorelines. Randall, R. H. Bureau of Planning. Agana, GU. 191 pp. Maps. Appendix. 1976.

This document describes the four physiographic types of shoreline: rocky shoreline, beaches, low-lying shoreline and man-made or altered shoreline and maps the reef flat platforms from the shoreline to the reef margin.

ATLASES; BEACHES/DUNES; ESTUARIES

31-005 Guam. Guam Coastal Management Program. Bureau of Planning.

A Summary of Major Federal Land Holdings in the Territory of Guam. Bureau of Planning. Agana, GU. 35 pp. January 1977.

Identifies federally owned or controlled lands on Guam and their existing uses.

LAND/WATER USE; FEDERAL-STATE COORDINATION

31-006 Guam. Guam Coastal Management Program. Bureau of Planning.

Analysis of Results: CZM Land-Use Opinion Survey. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 19 pp. January 1977.

Results of a Land Use Opinion Survey identifying local attitudes toward land and water use with respect to four major sections: shoreline development, recreational facilities, property ownership and citizen participation.

DEVELOPMENT; RECREATION/TOURISM; PERMISSIBLE USES; CONFLICTING USES; LAND/WATER;

31-007 Guam. Guam Coastal Management Program. Bureau of Planning.

Future Power Production and Transmission Alternative Plans, Guam, USA. Pinckert, W. F. and Associates. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 36 pp. June 1977.

Deals with existing and future progressive expansion of power generating facilities on Guam. Includes a description of existing private, federal and GovGuam facilities; including power plants, fuel lines, fuel tanks, transmission lines, etc.

ENERGY FACILITY SITING; FEDERAL CONSISTENCY; ENERGY

31-008 Guam. Guam Coastal Management Program. Bureau of Planning.

Shoreline Erosion on Guam. McMakin, P. D. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 4 pp. June 1977.

A position-paper discussing the types of coastline represented on Guam and the limited potential for shoreline erosion problems.

EROSION/SEDIMENTATION; NATURAL HAZARDS

31-009 Guam. Guam Coastal Management Program. Bureau of Planning.

The Extent of Coral, Shell, Algae Harvesting in Guam Waters. University of Guam Marine Laboratory Technical Report 34. Hedlund, S. E. University of Guam Marine Laboratory. Agana, GU. 24 pp. July 1977.

A survey of those species of corals, shells, and algae that are currently being harvested on Guam, their relative abundance, and location of harvestable stocks. Also includes copies of existing legislation regarding the harvest of such species.

COASTAL RESOURCES; COASTAL INVENTORIES; INDUSTRY/COMMERCE; FISH/FISHERIES; LIVING MARINE RESOURCES; LAWS/LEGISLATION

31-010 Guam. Guam Coastal Management Program. Bureau of Planning.

An Ecological Survey of Pristine Terrestrial Communities on Guam. Moore, P. H. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 45 pp. August 1977.

Describes and locates five types of pristine terrestrial communities on Guam: the limestone forest, coastal strand, wetlands, savannah and redwine forests. Includes species inventory of terrestrial biota at each location. Identifies those areas that are essential for protection of endangered and threatened species.

AESTHETICS; COASTAL INVENTORIES; NATURAL RESOURCES; OPEN SPACE; CRITICAL AREAS; VEGETATION; WETLANDS

31-011 Guam. Guam Coastal Management Program. Bureau of Planning.

Aquaculture and Its Potential Environmental Impact on Guam's Coastal Waters. Fitzgerald, Jr., W. J. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 58 pp. August 1977.

Discusses land and water resources available for aquaculture on Guam along with applicable species for culture. Also addresses the question of environmental impacts and possible means of abatement including necessary water quality controls. Areas for potential aquaculture development are mapped.

AQUACULTURE; COASTAL WATERS; LAND/WATER USE; DEVELOPMENT; REGIONAL IMPACT; FISH/FISHERIES; WATER POLLUTION; WATER QUALITY

31-012 Guam. Guam Coastal Management Program. Bureau of Planning.

Survey and Species Inventory of Representative Pristine Marine Communities on Guam. University Guam Marine Laboratory Technical Report 40. Stojkovitch, J. O. 183 pp. Agana, GU. October 1977.

31-012 Guam. Guam Coastal Management Program. Bureau of Planning. (continued)

Describes and maps those marine areas that are essential for the protection of endangered and threatened species or are relatively untouched representatives of characteristic Guam marine ecological communities. Includes species inventories of the areas concerned.

COASTAL INVENTORIES; COASTAL RESOURCES; CRITICAL AREAS; MAPS/MAPPING; LIVING MARINE RESOURCES

31-013 Guam. Guam Coastal Management Program. Bureau of Planning.

Beach Access on Guam. Gomez, R. Guam Coastal Management Program. Bureau of Planning. 18 pp. Agana, GU. October 1977.

A discussion of access to all beaches on Guam, problem areas and mapped identification of beaches.

PUBLIC ACCESS; ISSUES/PROBLEMS

31-014 Guam. Guam Coastal Zone Management Program. Bureau of Planning.

A Guide to the Medicinal Plants of Guam. McMakin, P. D. and P. H. Moore. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 84 pp. 1977.

An inventory of plants used in traditional medicine practices. Includes descriptions, photographs and uses of these plants.

AGRICULTURE; CULTURAL/HISTORICAL RESOURCES; VEGETATION

31-015 Guam. Guam Coastal Management Program. Bureau of Planning.

Guam's Reefs and Beaches Part II. Transect Studies. University Guam Marine Laboratory Technical Report 38. R. H. Randall, editor. University of Guam Marine Laboratory. Agana, GU. ii + 90 pp. July 1978.

Transect studies of marine life in five marine bays of Guam.

LIVING MARINE RESOURCES; MARINE BIOLOGY; BEACHES/DUNES

31-016 Guam. Guam Coastal Management Program. Bureau of Planning.

Studies on the Biology of the Reef Fishes of Guam. University Guam Marine Laboratory Technical Report 49. Amesbury, S. S. University of Guam Marine Laboratory. Agana, GU. 65 pp. July 1978.

A two-part study of the distribution of fish and the eggs and larvae of fish

31-016 Guam. Guam Coastal Management Program. Bureau of Planning. (continued)

and other marine life at selected sites.

LIVING MARINE RESOURCES; FISH/FISHERIES; MARINE BIOLOGY

31-017 Guam. Guam Coastal Management Program. Bureau of Planning.

Guam's Reefs and Beaches Part II: Sedimentation Studies at Fouha Bay and Ylig Bay. University Guam Marine Laboratory Technical Report 47. Randall, R. H. and C. Birkeland. University of Guam Marine Laboratory. Agana, GU. 77 pp. August 1978.

Sedimentation studies at Fouha Bay and Ylig Bay which assess the impacts of sedimentation on the diversity of corals within offshore reef communities.

MARINE BIOLOGY; LIVING MARINE RESOURCES; WATER POLLUTION; WATER QUALITY

31-018 Guam. Guam Coastal Management Program. Bureau of Planning.

The Current Status and Distribution of the Marianas Fruit Bats on Guam. Technical Report 1. Wheeler, M. E. and C. F. Aguon. Aquatic and Wildlife Resources Division - Department of Agriculture. Agana, GU. 29 pp. September 1978.

A study of the ecology and population of fruit bats with mapping of critical habitats.

CRITICAL AREAS; WILDLIFE

31-019 Guam. Office of Coastal Zone Management, U.S. Department of Commerce.

Survey of Edible Marine Shellfish and Sea Urchins on the Reefs of Guam. AWRD, Department of Agriculture Technical Report 2. Stojkovitch, J. O. and B. D. Smith. Aquatic and Wildlife Resources Division, Department of Agriculture. Agana, GU. 65 pp. September 1978.

A study of the ecology, populations and distributions of shellfish and sea urchins utilized for home consumption.

LIVING MARINE RESOURCES; FISH/FISHERIES; MARINE BIOLOGY

31-020 Guam. Office of Coastal Zone Management, U.S. Department of Commerce.

Planning for the Impacts of Guam Energy Facility Expansion. Walter F. Pinckert and Associates. Guam Coastal Management Program. Bureau of Planning. Agana, GU. 162 pp. November 1978.

31-020 Guam. Office of Coastal Zone Management, U.S. Department of Commerce. (continued)

An assessment of energy facilities and their projected expansion with strategies for mitigation of adverse impacts.

DEVELOPMENT; ENERGY; ENERGY LAWS AND LEGISLATION

31-021 Guam. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.

Guam Coastal Management Program and Final Environmental Impact Statement. Volume I. Guam Coastal Management Program and Guam Bureau of Planning. Washington, D.C. and Guam. Multi pp. July 1979. (CZIC)

In addition to the complete coastal management program and final environmental impact statement (EIS), this document contains comments on the program and the draft EIS, and responses to the comments.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; FEDERAL CONSISTENCY; PERMISSIBLE USES; PUBLIC PARTICIPATION

31-022 Guam. Office of Coastal Zone Management, U.S. Department of Commerce

Environmental Impact Report: Projected OTEC Development for the Territory of Guam. 71 pp. Appendix. September 1979.

Discusses the economic, social and environmental impacts of a proposed 10 MW shore-based and a 100 MW sea-based OTEC facility.

SOCIOECONOMICS; DEVELOPMENT; ENERGY IMPACTS

31-023 Guam. Bureau of Planning.

Coastal Planning Bibliography. 219 pp. September, 1978.

Locates and categorizes available written materials of use to planners and resource managers.

BIBLIOGRAPHY; PLANNING/MANAGEMENT; LAND/WATER USE

31-024 Guam. Bureau of Planning. (Coastal Energy Impact Program)

Planning for the Impacts of Guam Energy Facility Expansion. A Preliminary Assessment. 162 pp. November, 1978. (CZIC)

Examines impacts of energy facilities, determines plans for expansion of

31-024 Guam. Bureau of Planning. (Coastal Energy Impact Program) (continued)

these facilities and develops evaluation methods for measuring major impacts. Also discusses regulatory process relative to facilites expansion and creation of new facilities.

ENERGY FACILITY SITING; ENERGY; ENVIRONMENTAL IMPACTS; SOCIOECONOMICS; LAWS AND LEGISLATION

31-025 Guam. Bureau of Planning.

Guam Comprehensive Development Plan. Bureau of Planning. 207 pp. September, 1978.

Provides a general guide for overall planning for the island. Lists specific actions and recommended policies to be implement the plan. Solicits public comment and involvement in the planning process.

LAND/WATER USE; PLANNING/MANAGEMENT; PUBLIC PARTICIPATION

31-026 Guam. Guam Energy Office (Coastal Energy Impact Program).

Analysis of Biofouling Communities on Settling Plates at the Proposed Ocean Thermal Energy Conversion Site Off Guam. Rowley, D. M. Univ. of Guam Marine Laboratory. 89 pp. Agana, GU. May 1980.

Results of a study to quantify biomass accumulation and community structure on artificial biofouling surfaces at the proposed OTEC site on Guam. Includes recommendations on the placement depth of warm water intake pipes and for an optimal cleaning interval during plant operation.

ENERGY; ENERGY IMPACTS; ENERGY FACILITY SITING; MARINE BIOLOGY; COASTAL RESOURCES; COASTAL WATERS

31-027 Guam. Guam Energy Office (Coastal Energy Impact Program).

Economic Utilization of Cold Water Effluent from a Proposed Land-Based OTEC Plant. Buck, J. and J. Roney. Guam Energy Office. Agana, GU. Multi-pp. October 1980.

A study to determine the possible uses of cold water effluent and the economic and environmental impact of cold ocean discharged from a land-based OTEC plant on Guam.

ENERGY; ENERGY IMPACTS; ECONOMICS; ENVIRONMENTAL IMPACT; PLANNING/MANAGEMENT; INDUSTRY/COMMERCE

31-028 Guam. Bureau of Planning.

Land-Use Districting Plan: Guam. 61 pp. 1980.

Lists and discusses policy recommendations for future land development on the island.

GOALS/OBJECTIVES; GROWTH; LAND/WATER USE; PLANNING/MANAGEMENT; POLICY FORMULATION/ EVALUATION

31-029 Guam. Guam Energy Office (Coastal Energy Impact Program).

The Feasibility of Utilizing Wastewater Discharge for Hydroelectric Power Generation on Guam. Guam Energy Office. Agana, GU. 89 pp. January 1981.

Examination of Guam's wastewater outfall sites to determine the economic feasibility of low head hydroelectric power generation. Includes design considerations for a generation station and implementation strategies.

ENERGY; ENERGY FACILITY SITING; ENCONOMICS

31-030 Guam. Guam Energy Office (Coastal Energy Impact Program).

Impact Assessment of Ammonia and Chlorine Transshipment Relative to Commercial OTEC Plant Operation in Guam, USA. Guam Energy Office. Agana, GU. 74 pp. February 1981.

An examination of the potential hazards associated with the transportation of ammonia and chlorine from producing plants to OTEC site storage tanks.

ENERGY; ENERGY FACILITY SITING; ENERGY LAWS AND LEGISLATION; ENERGY TRANSPORTATION AND STORAGE; ISSUES/PROBLEMS

31-031 Guam. Port Authority of Guam.

Commercial Port of Guam Master Plan. Multi-pp. February 1981.

Analyzes Guam's existing commercial port facilities, shipping services, and oceanborne trade. Projects future port requirements and discusses the feasibility of port expansion. Also examines the potential for establishing a tuna transshipment center and for developing a local fishery at Apra Harbor. Includes an environmental impact statement for proposed expansion of the commercial port container yard.

PORTS/WATERFRONTS; SHIPPING; PLANNING/MANAGEMENT; FISH/FISHERIES; SUBMERGED LAND; ENVIRONMENTAL IMPACT; DEVELOPMENT; ECONOMICS; FACILITY SITING; INDUSTRY/COMMERCE

31-032 Guam. Guam Energy Office (Coastal Energy Impact Program).

Economic and Environmental Impacts of Low Head Hydroelectric Power Systems on Guam. Moore, J. T. Guam Energy Office. Agana, GU. 158 pp. February 1982.

Examination of the potential for hydroelectric development on Guam with particular emphasis on the economic and environmental impacts of hydro-generation facilities at existing and proposed water impoundment structures associated with the main rivers of southern Guam.

ECONOMICS; ENERGY IMPACTS; ENERGY LAWS AND LEGISLATION; ENVIRONMENTAL IMPACT; ENERGY FACILITY SITING; HYDROLOGY

31-033 Guam. Bureau of Planning, Department of Agriculture.

Territory of Guam Fisheries Development and Management Plan. Amesbury, S. S. and P. Callaghan. 99 pp. October, 1981.

Provides a development framework for Guam's fisheries resource base. Gives analysis of development problems and recommends programs appropriate to the socioeconomic resources of the Territory. Discusses current fisheries activity and development of reef fisheries, small boat fisheries and large scale harvesting. Also discussed are processing and shipment of products.

FISH/FISHERIES; COASTAL DEPENDENT USES; SOCIOECONOMICS; LAND/WATER USE

31-034 Guam. Bureau of Planning.

Guam Inventory of Planning Information. 324 pp. August, 1981.

Provides a reference work with planning related information about Guam. A wide range of subjects are covered with sources of information including published and unpublished reports, studies, plans, and surveys.

INFORMATION SYSTEMS; PLANNING/MANAGEMENT; SOCIOECONOMICS; LAND/WATER USE

31-035 Guam. Bureau of Planning. Guam Coastal Management Program.

Long-Term Recovery Processes of a Coral Community After a Catastrophic Disturbance. Colgan, M. W. Univ. of Guam. 69 pp. December 1981.

A continuation of studies documenting coral reef recovery after destruction by Acanthaster (Crown of Thorns Seastar) predation 12 years previous. Measures species diversity, percent cover, growth form diversity, size class evenness and species richness.

COASTAL INVENTORIES; LIVING MARINE RESOURCES; CORAL REEFS; MARINE BIOLOGY

32-001 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program.

Atlas of the Reefs and Beaches of Saipan, Tinian and Rota. Eldredge, L. G. and R. H. Randall. 160 pp. 1980.

Provides physical description of island's beach and reef resources.

ATLAS; MAPS/MAPPING; GEOLOGY; CORAL REEFS; BEACHES/DUNES

32-002 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program.

Commonwealth of the Northern Mariana Islands Coastal Resources Management Program and Final Environmental Impact Statement. Coastal Resources Management Office and OCZM. Multi-pp. Appendices. 1980.

Presents the management program for the Northern Mariana Islands Coastal Zone areas for land and water use activities. Provides policy guidance for diverse management issues. Describes the regulatory framework for implementing the program, description of planning requirements for public access, and energy facilities and presents an environmental impact assessment.

PROGRAM DESCRIPTION; PERMISSIBLE USES; LAND/WATER USE; ISSUES/PROBLEMS; PUBLIC ACCESS; ENERGY; ENVIRONMENTAL IMPACT; FEDERAL CONSISTENCY

32-003 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program.

Beaches, Coastal Environments, and Alternative Sources of Fine Aggregate in the Northern Mariana Islands. Doan, D. B. and H. G. Siegrist. 108 pp. Maps. December 1979.

Inventories the islands' beaches with descriptions of physical dimensions and composition. Also discussed is the use of sand as a construction material and recommendations for suitable quarrying sites.

COASTAL INVENTORIES; BEACHES/DUNES; GEOLOGY

32-004 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program.

A Survey of the Fish Resources of Saipan Lagoon. Amesbury, S. S., Lassury, D. R., Meyers, R. F. and V. Tyndzik. 58 pp. March 1979.

Identifies fishes and determines distribution and abundances. Important habitats for feeding and nursery grounds are identifed to aid planners in avoiding negative development impacts.

32-004 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program. (continued)

FISH/FISHERIES; ENVIRONMENTAL IMPACT; PLANNING/MANAGEMENT; COASTAL RESOURCES

32-005 Commonwealth of the Northern Mariana Islands. Coastal Resources Management Program.

A Study on the Carolinian Medicinal Plants on Managaha Island. Kastor, H. and V. Tebit. 37 pp. July 1981.

Provides a guide to medicinal plants, and their specific uses on an island expected to experience increased recreational activity. The study is meant to provide planners with information on the importance of this resource so that its well-being will be assured in any future development.

RECREATION/TOURISM; CULTURAL/HISTORICAL RESOURCES; COASTAL INVENTORIES; PLANNING/MANAGEMENT

43-001 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

La Zona Costenera de Puerto Rico. Executive Press Inc. PR. 44 pp. June 1975. (CZIC)

Sets forth and describes the coastal zone management program of Puerto Rico (in Spanish).

PROGRAM DESCRIPTION

33-002 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Sand Study (Updating of Previous Reports). Puerta de Tierra, PR. Multi-pp. Tables. October 1975.

Updates information on the availability and demand for aggregates in Puerto Rico based on an analysis of granted permits. Recommendations for management of sand resources are included.

MARINE MINING

33-003 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Analysis of State Rights Relevant to Coastal Zone Issues. Preliminary Report Task C. Gonzalez, G. A. Puerta de Tierra, PR. 109 pp. Appendices. 1975. (CZIC)

Presents a compendium and survey of laws which are presently available to control activities in the coastal zone, including the agencies which administer those laws. In addition to the issues of beach access, crown rights, and squatters rights, the implications of the maritime terrestrial law have been examined.

LAWS & LEGISLATION; PUBLIC ACCESS; STATE-LOCAL COORDINATION; PLANNING/ MANAGEMENT

33-004 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

An Introduction to Puerto Rico Coastal Zone. Puerta de Tierra, PR. 44 pp. Maps. 1975.

Discusses the historic pathways that led to present coastal patterns and inventories and resources and activities of the island's coastal zone.

33-004 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program. (continued)

DEVELOPMENT; COASTAL RESOURCES; COASTAL INVENTORIES

33-005 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Population of the Coastal Area of Puerto Rico. Rivera, E. Puerto de Tierra, PR. 21 pp. 1975.

Presents a breakdown of Puerto Rico's coastal zone population and growth trends.

POPULATION; COASTAL INVENTORIES

33-006 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Preliminary Reports Concerning Task 1 in Accordance with the Current Contract between The Department of Natural Resources and Gonzales Aviles and Associates. Hato Ray, PR. Multi-pp. 1975. (CZIC)

Contains an analysis of current legislation concerning the Land Maritime Zone, the legal definition of the zone, and other legal provisions related to the Right-of-Way for Protection, and the coastal zone in general. Also contains an analysis of the powers of various agencies which deal with the coastal zone and a review and analysis of federal legislation applicable to Puerto Rico's coast.

LAWS & LEGISLATION; FEDERAL AGENCIES; LEGAL/INSTITUTIONAL ANALYSIS

33-007 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Solid Wastes in Puerto Rico. Puerta de Tierra, PR. Multi-pp. Maps. 1975

Presents statistics on solid wastes generated in Puerto Rico; criteria for locating land disposal sites; and present scrap metal recycling efforts.

POLLUTION; FACILITY SITING

33-008 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

The Culebra Segment of the Puerto Rico Coastal Zone Management Program. San Juan, PR. Multi-pp. Maps. August 1976. (CZIC)

33-008 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program. (continued)

Culebra is a small island east of Puerto Rico and west of St. Thomas. This document looks at its resources and environment, discusses coastal zone management for the island, presents an overview of the federal agencies which have an impact on Culebra, and concludes by relating the above to the requirements of the Coastal Zone Management Act.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; COASTAL RESOURCES; FEDERAL AGENCIES

33-009 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Coastal Geomorphology. Draft. Puerta de Tierra, PR. 48 pp. Maps. 1976.

Describes the major components of the coastline and details beach erosion dynamics in Puerto Rico. Also recommends basic preventative measures.

EROSION/SEDIMENTATION; BEACHES/DUNES

33-010 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Coral Reefs. Draft. Puerta de Tierra, PR. 48 pp. Maps. 1976.

Describes the ecology and surroundings of Puerto Rico's coral reefs. In addition to explaining their function and characteristics within the marine ecosystem, recommendations are made as to their preservation, management and enhancement.

GEOLOGY; COASTAL WATERS

33-011 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Mangrove Forests of Puerto Rico. Draft. Puerta de Tierra, PR. 48 pp. Maps. 1976.

Describes the historical role of mangroves and provides an assessment of their current ecological significance. Also recommends management options.

WETLANDS; CULTURAL/HISTORICAL RESOURCES; LIVING MARINE RESOURCES

33-012 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Socioeconomic Analysis of Puerto Rico Coastal Zone. Fabian, A. N. (in Spanish). Puerta de Tierra, PR. 26 pp. 1976. (CZIC)

Contains pertinent socioeconomic data primarily for municipios. The information reviewed includes land ownership, land uses generating employment (by municipios), annual income for employment sectors, economic density, historic and current employment and product levels in various sectors.

ECONOMICS; SOCIOECONOMICS; COASTAL INVENTORIES;

33-013 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Estudio de la Laguna Joyuda: Un Ecosistema Marino (Study on Joyuda Lagoon: A Marine Ecosystem). Scientific Research Area. 94 pp. 1978-1979.

Evaluates the impact of sand sedimentation at the channel that connects Joyuda Lagoon and the sea. (in Spanish).

EROSION/SEDIMENTATION; COASTAL WATERS; MARINE BIOLOGY; WATER QUALITY; WET LANDS

33-014 Puerto Rico. U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management (OCZM).

Puerto Rico Coastal Management Program and Final Environmental Impact Statement. OCZM and Puerto Rico Department of Natural Resources. Washington, D.C.; Puerto Rico. Multi-pp. July 1978.

The Coastal Management Program contains an overview of the coast, objectives and policies, problems, and principal elements of the program. The environmental impact statement follows, and there are four appendices at the end: 1) Commonwealth and Federal Agencies Which Affect the Coast; 2) the Puerto Rico Program and Coastal Zone Management Act; 3) descriptions of Special Planning Areas and Natural Reserves; and 4) comments received on the Draft Environmental Impact Statement.

PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; GOALS/OBJECTIVES; ISSUES/PROBLEMS; FEDERAL AGENCIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN

33-015 Puerto Rico. Department of Natural Resources.

Los Arrecifes de Coral en Puerto Rico. Lugo, A. 34 pp. Appendices. March 1978.

Describes the interactions between users and coral reefs, a summary of the

33-015 Puerto Rico. Department of Natural Resources. (continued)

status of Puerto Rico's reefs and a presentation of alternatives to manage this resource and the effects of human intrusion on it. (in Spanish)

CONFLICTING USES; NATURAL RESOURCES; ENVIRONMENTAL IMPACT; MARINE BIOLOGY

33-016 Puerto Rico. Department of Natural Resources.

Recreacion en la Zona Costanera. 129 pp. March 1978.

Reviews the use and demand for recreational services as well as surveying existing sites. Potential new sites for recreational development are discussed and recommendations are made to promote and maximize the recreational potential while protecting fragile coastal ecosystems. (in Spanish)

33-017 Puerto Rico. Department of Natural Resources.

Nuestra Costa: Resumen - Programa de Manejo de la Zona Costanera de Puerto Rico. 51 pp. September 1978.

Summary of the Coastal Zone Mangement Plan provides a physical description of the affected areas, the policies and objectives of the program, specific management problems and a plan to implement policy. (in Spanish)

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT

33-018 Puerto Rico. Department of Natural Resources.

Mangroves in Puerto Rico: A Structural Inventory. Martinez, R., Cintron, G. and L. A. Encarnacion. 149 pp. December 1979.

Provides a classification of mangrove forests, status of mangroves and recommendations for management of mangrove wetlands.

WETLANDS; COASTAL INVENTORIES; PLANNING/MANAGEMENT

33-019 Puerto Rico. Department of Natural Resources.

Inventory of the Puerto Rican Coral Reefs. Goenaga, C. and G. Cintron. 189 pp. 1979.

Describes inshore and offshore reef structure and threats from upland development, natural hazards (i.e., storms) and pollution.

LAND/WATER USE; MARINE BIOLOGY; WATER POLLUTION; DEVELOPMENT; NATURAL HAZARDS; ENVIRONMENTAL EFFECTS

33-020 Puerto Rico. Department of Natural Resources.

Programa de Manejo de la Zona Costanera de Puerto Rico 1978 - 1979. 8 pp. 1979.

Annual report summarizes the major activities and accomplishments of the Coastal Zone Management Program. Describes ongoing research, management of areas of biological significance, public access and enforcement of regulations. (in Spanish)

PROGRAM DESCRIPTION; PUBLIC ACCESS; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PLANNING/MANAGEMENT

33-021 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Coastal Flood Hazards and Responses in Puerto Rico: An Overview. 90 pp. Appendices. February 1980.

Provides an overall understanding of the coastal flood hazards problem and present solutions. Describes interagency relations and activities. Recommendations are presented to develop a more coordinated program of flood hazard management.

FLOODS/FLOODING; BEACHES/DUNES; NATURAL HAZARDS; PLANNING/MANAGEMENT

33-022 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Puerto Rico Flood Hazard Mitigation Plan. Area for Planning of Natural Resources. 50 pp. August 1980.

Briefly describes the flood hazards and Puerto Rico's policies for dealing with the hazards; describes on-going actions to reduce future losses, and recommends additional actions to be taken in the future.

FLOODS/FLOODING; LAND/WATER USE; NATURAL HAZARDS; PLANNING/MANAGEMENT; REGIONAL IMPACT

33-023 Puerto Rico. Department of Natural Resources.

Flood Hazard Mitigation Plan for Portions of the Coastal Flood Plain of Rio Grande de Loiza. 50 pp. September 1980.

Describes flood hazards, Puerto Rico's policies to deal with the hazard, on-going actions to reduce flood loses and recommendations for additional action.

FLOODS/FLOODING; NATURAL HAZARDS; POLICY FORMULATION/EVALUATION

33-024 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Flood Hazard Mitigation Plan for Portion of Coastal Flood Plain of Rio de La Plata. 53 pp. September 1980.

Presents the results of the investigation for the Rio de La Plata target areas. Briefly describes the flood hazards and Puerto Rico's policies for dealing with the hazard; describes on-going actions to reduce future flood losses and recommends additional actions to be taken in the future.

FLOOD/FLOODING; LAND/WATER USE; NATURAL HAZARDS; PLANNING/MANAGEMENT; REGIONAL IMPACT

33-025 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Sand study. Benedetty J., and M. Cruz. Puerta de Tierra, PR. 133 pp. Maps. October 1980.

Identifies and maps dunes and beach sand deposits along the coasts of Puerto Rico. Present conditions of known sand deposits are evaluated and compared with their original state 10, 20, or 30 years ago.

BEACHES/DUNES; COASTAL RESOURCES; EROSION/SEDIMENTATION; RESOURCE PROTECTION

33-026 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Supplemento Tecnico Reserva Natural Caja de Muertos (Technical Information Supplement Caja de Muertos Natural Reserve) Scientific Research Area 246 pp. December 1980.

Describes the geology, soils, climatology, flora, fauna and benthic systems of Caja de Muertos Natural Reserve. Recommendations based on this study were included for the management of the natural reserve. (in Spanish)

COASTAL WATERS; CORAL REEFS; MARINE BIOLOGY; PLANNING/MANAGEMENT; VEGETATION

33-027 Puerto Rico. Department of Natural Resources.

Programa de Manejo de la Zona Costanera de Puerto Rico 1979 - 1980. 12 pp. 1980.

Annual report describes the major activities and accomplishments of the Coastal Zone Management Program. Describes designation of natural reserves, management plan development of reserves, ongoing research, coastal flood

33-027 Puerto Rico. Department of Natural Resources. (continued)

protection, commercial activities and public participation and education. (in Spanish)

PROGRAM DESCRIPTION; FLOODS/FLOODING; NATURAL RESOURCES; PLANNING/MANAGEMENT; CRITICAL AREAS

33-028 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Suplemento de Information Tecnica para la Designacion de la Reserva Natural Cano La Boquilla, Mayaguez, Puerto Rico (Technical Information Supplement for Cano La Boquilla Natural Reserve) Scientific Research Area. 56 pp. February 1981.

An evaluation study of the flora, fauna and limnology of Cano La Boquilla was done as a basis for establishing the boundaries of this natural reserve. (in Spanish).

WETLANDS; WILDLIFE

33-029 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Suplemento Tecnico para el Plan de Manejo del Area de Bahia de Jobos (Technical Information Supplement for the Preparation of Jobos' Bay Area Management Plan) Scientific Research Area. 329 pp. Vol. I & II. April 1981.

Describes and studies the flora, fauna, climatology, soils, geology, hydrology and other aspects of Jobos Bay. Recommendations for the development of the Master Plan for the area are provided. (in Spanish)

CORAL REEFS; MARINE BIOLOGY; WILDLIFE; WETLANDS

33-030 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Suplemento de Informacion Tecnica para la Reserva Natural de las Cabezas de San Juan, Fajardo Puerto Rico (Technical Information Supplement for Cabezas de San Juan Natural Reserve) Scientific Research Area. 81 pp. July 1981.

Evaluates flora, fauna, soils, geology and other physical and ecological aspects of Cabezas de San Juan Natural Reserve. Boundaries for the natural reserve are recommended. The area is characterized by two coastal lagoons and various vegetation zones of great importance to wildlife. (in Spanish).

33-030 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program. (continued)

CONSERVATION; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; SPECIAL AREAS MANAGEMENT

33-031 Puerto Rico. Department of Natural Resources.

Perspectives on Permit Streamlining. 64 pp. September 1981.

Provides recommendations to the Department of Natural Resources for increasing its effectiveness and efficiency in permit processing. Problems with the existing procedures, policies and organizational patterns are identified and responded to.

PERMITS/PERMITTING; INDUSTRY/COMMERCE; DEVELOPMENT; LEGAL/INSTITUTIONAL ANALYSIS

33-032 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Suplemento tecnico para la Reserva Natural Laguna Joyuda y Terrenos Asociados (Technical Information Supplement for Joyuda Lagoon and Adjacent Land) Perez, M., et. al. 187 pp. October 1981.

Summarizes technical information related to Joyuda Lagoon Natural Reserve including geology, flora, fauna, climate, water analyses and other ecological aspects. Recommendations for the management of the area are included.

COASTAL WATERS; CRITICAL AREAS; WETLANDS; MARINE BIOLOGY; WATER QUALITY

33-033 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Informe tecnico Area de Planificacion Especial de Pinones. Division de Planificacion de Recursos Costaneros, Pesca y Vida Silvestre. (Technical Information Supplement for Pinones Special Planning Area) Coastal Resources, Fish and Wildlife Planning Division 105 pp. December 1981.

Studies Pinone Special Planning Area including socioeconomic aspects, environmental evaluation, flora, avifauna and water quality. Recommendations for the management of the area are submitted. (in Spanish).

CONFLICTING USES; ENVIRONMENTAL IMPACT; SPECIAL AREAS MANAGEMENT; VEGETATION; WILDLIFE

33-034 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Suplemento de Informacion Tecnica para la Designacion del Sector del Rio Espiritu Santo como Reserva Natural (Technical Information Supplement for Rio Espiritu Santo Natural Reserve) Ferrer, H., et. al. 81 pp. April 1982.

Describes the climate, soils, geology, flora and fauna of Rio Espiritu Santo estuary. Recommendations for establihsing the limits of this natural reserve are included. (in Spanish).

ESTUARIES; CRITICAL AREAS

33-035 Puerto Rico. Department of Natural Resources.

Modelo para el Desarrollo de un Programa de Adiestramiento para el Cuerpo de Vigilantes. Multi-pp. No Date.

Presents a framework for a training program for enforcement personnel of the Department of Natural Resources' parks and preserves. (in Spanish)

EDUCATION

33-036 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Analisis Socio-Economico de la Zona Costanera. (Socio-Economic Analysis of the Coastal Zone Within One Kilometer). Hato Rey, Puerto Rico. Parts 1 (26 pp.) and Part 2 (27 pp.). No Date. (CZIC)

Examines the socioeconomics of the coastal zone within one kilometer from shore (in Spanish).

SOCIOECONOMICS

33-037 Puerto Rico. Deparment of Natural Resources. Coastal Zone Management Program.

Energy Facilities Planning: An Additional Element of the Puerto Rico Coastal Management Plan. 27 pp. No Date.

Summarizes the required Energy Facilities Planning Element of the Coastal Management Plan and the ways in which Puerto Rico proposes to respond to them.

ENERGY FACILITY SITING; ENERGY IMPACTS

33-038 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Shoreline Erosion Mitigation: An Additional Element of Puerto Rico Coastal Managememt Plan. 24 pp. No Date.

Summarizes required shoreline Erosion Mitigation Element of the Coastal Management Plan and the ways in which Puerto Rico proposes to respond to them.

EROSION/SEDIMENTATION; LAWS AND LEGISLATION

33-039 Puerto Rico. Department of Natural Resources. Coastal Zone Management Program.

Shoreline Access and Protection: An additional Element of the Puerto Rico Coastal Management Plan. 26 pp. No Date.

Summarizes the required Shoreline Access and Protection element of the Coastal Management Plan and the way in which Puerto Rico proposes to implement it.

BEACHES; LAWS AND LEGISLATION; PUBLIC ACCESS

34-001 American Samoa. Development Planning Office.

American Samoa Coastal Management Program and Final Environmental Impact Statement. Development Planning Office and OCZM. 151 pp. Appendices. 1980. (CZIC)

Management program for American Samoa's coastal zone area. Provides objectives and policies for land and water use management. Describes permit review process to aid in implementation. Identifies areas of biological concern, public involvement mechanisms, and procedures to assure Federal consistency in American Samoa's coastal zone.

PROGRAM DESCRIPTION; LAND/WATER USE; PLANNING/MANAGEMENT; PERMITS/PERMITTING; PREMISSIBLE USES; FEDERAL CONSISTENCY; ENVIRONMENTAL IMPACT

34-002 American Samoa. Development Planning Office.

American Samoa Coral Reef Inventory. Multi-pp. No Date.

Provides a physical description of the reefs and indicates intensity of shoreline and reef use and activities.

ATLASES; COASTAL INVENTORIES; MAPS/MAPPING

34-003 American Samoa. Development Planning Office.

Energy Facility Siting for the Territory of American Samoa. Action Resources Inc. 82 pp. February 1980.

Provides an inventory of and site analysis for potential energy facility siting in American Samoa. Discusses potential development siting scenarios, present development policies and intergovernmental coordination.

ENERGY FACILITY SITING; LAND/WATER USE; FEDERAL-STATE COORDINATION; COASTAL INVENTORIES; REGIONAL IMPACT

35-001 Virgin Islands. Planning Office.

Coastal Zone Management Marine Environment. Island Resources Foundation. 191 pp. Maps. June 1976. (CZIC)

Contains an inventory of natural resources, an analysis of biophysical relationships, coastal zone planning guidelines, guidelines for resource management, and a selected bibliography.

COASTAL INVENTORIES; PLANNING/MANAGEMENT; BIBLIOGRAPHY

35-002 Virgin Islands. Planning Office. Coastal Zone Management Program.

Use/Resource Interaction Matrix: A Methodology to Assess the Capability of Coastal Environments and Impacts on Environmental Quality. St. Thomas, VI. Multi-pp. June 1976.

Presents a matrix intended to assess the capabilities of coastal environments for supporting alternative uses. The matrix also indicates the degree of impact associated with each use on the coastal environment. Matrices for 12 different coastal environment types are presented. Each matrix plots 7 environmental quality issues vs. potential impacting uses and construction activities.

DEVELOPMENT; LAND/WATER USE; FACILITY SITING

35-003 Virgin Islands. Planning Office. Coastal Zone Management Program.

Legal and Organizational Analysis and Recommendations. Heyman, I. M. and D. O. Gralneck. St. Thomas, VI. Multi-pp. July 1976.

Presents for legal and organizational concerns a brief statement of the problems, approaches to planning and implementation and summary recommendations. A more extensive section reviews existing authorities, regulations, and governmental roles. The report concludes with a brief statement on the organizational arrangements among relevant territorial agencies.

LAWS & LEGISLATION; PLANNING/MANAGEMENT

35-004 Virgin Islands. Planning Office. Coastal Zone Management Program.

Coastal Resources: Our Future. St. Thomas, VI. Brochure. 1976.

Presents a public information brief describing the coastal zone management program and its planning efforts. Public input is requested.

PUBLIC PARTICIPATION

35-005 Virgin Islands. Planning Office. Coastal Zone Management Program.

Virgin Islands Coastal Zone Management: Marine Environment. Island Resources Foundation. St. Thomas, VI. 191 pp. Maps. 1976.

Presents for the Virgin Islands' coastal resources a first effort survey, an interpretive summation of knowledge of their interactive processes, their values and capacities, and needs for additional information. Chapters inventory natural resources, analyze biophysical relationships, synthesize coastal zone planning guidelines, identify guidelines for resource management and recommend further studies.

COASTAL INVENTORIES; COASTAL RESOURCES; MARINE BIOLOGY; PLANNING/MANAGEMENT

35-006 Virgin Islands. U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management (OCZM).

The Virgin Islands Coastal Management Program and Final Environmental Impact Statement. Washington, D.C. Multi-pp. March 1979.

Includes an analysis of the context for planning and the coastal issues involved, the management program, and its environmental impacts. Appendix A consists of comments on the Draft Environmental Impact Statement and Responses. Appendix B is the Virgin Islands Coastal Zone Management Act of 1978.

PROGRAM DESCRIPTION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; PUBLIC PARTICIPATION; LAWS & LEGISLATION

35-007 Virgin Islands. Department of Conservation and Cultural Affairs.

Department of Conservation and Cultural Affairs Oil Response Plan. 65 pp. June 1981.

Presents a plan to provide an efficient, coordinated and effective action to minimize damage from oil and hazardous substance discharges. The plan covers containment, dispersal and removal of substances.

COASTAL WATERS; OIL SPILL PREVENTION; WATER POLLUTION

35-008 Virgin Islands. Department of Conservation and Cultural Affairs.

Training Manual for Coastal Zone Management and Public Works Department Inspectors. Multi-pp. July 1981.

Provides instructions to inspectors and others supervising land development projects to reduce serious erosion and sedimentation problems. Reviews best management practices and the inspectors role in assuring that they are adhered to.

35-008 Virgin Islands. Department of Conservation and Cultural Affairs. (continued)

EDUCATION; LAND/WATER USE; EROSION/SEDIMENTATION

36-001 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Proceedings of the Conference on Organizing and Managing the Coastal Zone. June 13-16, 1973. U.S. Naval Academy. Council of State Governments. Washington, D.C. 331 pp. 1973.

Presents the proceedings of a conference designed to exchange information and cooperation between different government levels and agencies. Conference sessions examine intergovernmental aspects of coastal zone management, the coastal zone management program, uses of the coastal zone and needs and resources.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT

36-002 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

State Coastal Zone Management Activities. 1974 Preprint. Washington, D.C. 124 pp. October 1974.

Presents summaries of state and territory coastal zone management activities as described in applications for program development grants to Office of Coastal Zone Management. Topic headings examined for each state include grant recipient, other major participating agencies, program development period, funding level, current status, problems and issues, goals and objectives, overall program design, public participation activities, intergovernmental cooperation and coastal zone planning area definitions.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT; ISSUES/PROBLEMS; PUBLIC PARTICIPATION

36-003 Coastal Zone Management Institute.

Coastal Zone Management: the Process of Program Development. Prepared by John Armstrong, et. al. Sponsored by the Office of Coastal Zone Management, NOAA, Department of Commerce. Sandwich, MA. 327 pp. November 1974.

Presents ideas, concepts and interpretations of the Coastal Zone Management Act and its regulations. The document is intended to serve as a technical guide to state and local officials involved in development and implementation of coastal zone management programs. Major sections discuss coastal zone management boundaries, permissible uses, geographic areas of particular concern, priority of uses, means of exerting control, governmental organization, Federal coordination, organization and use of information, public participation, and estuarine sanctuaries. Appendices include a copy of the Coastal Zone Management Act, its regulations and a listing of Federal activities.

36-003 Coastal Zone Management Institute. (continued)

PLANNING/MANAGEMENT; BOUNDARIES; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION; LAWS AND LEGISLATION; PERMISSIBLE USES

36-004 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

State-Federal Interaction in the Development and Approval of Coastal Zone Management Programs. A Handbook for the Coastal States. Draft. Wise, H. F., et. al. Washington, D.C. 86 pp. Appendices. 1974.

Focuses on the requirements and opportunities for state-federal interactions in the development of state coastal zone management programs. Separate chapters investigate Coastal Zone Management Act requirements for state-federal interaction; federal actions of special state coastal zone management program concerns; state coastal zone management program elements of key interest to federal agencies; a classification and discussion of federal activities in the coastal zone; approaches to adequate state-federal interaction; and existing federal interagency coordination procedures and mechanisms.

PLANNING/MANAGEMENT; FEDERAL AGENCIES; FEDERAL CONSISTENCY

36-005 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Management Aspects of Outer Continental Shelf Oil and Gas Developments. Washington, D.C. Multi-pp. January 1975.

Provides for state coastal zone management managers and others, basic information on OCS oil and gas development. Major sections review federal agency roles and responsibilities. A generalized OCS development pattern, associated onshore activities, potential socioeconomic impacts, potential environmental impacts, and planning and management considerations. Included are an annotated bibliography and a directory of agencies, organizations and contacts for OCS information.

PETROLEUM INDUSTRY; OCS; ENERGY; ENERGY FACILITY SITING; FEDERAL AGENCIES; OIL POLLUTION/EFFECTS; SOCIOECONOMICS; ECONOMICS; BIBLIOGRAPHY

36-006 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Boundaries of the Coastal Zone. Edited by Paul R. Stang. Three papers on coastal zone boundaries are included. Washington, D.C. 14 pp. May 1975.

Presents three separate papers on coastal zone boundaries. These include:

36-006 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

1) a policy paper by the Office of Coastal Zone Management on "inland Boundaries of a State's Coastal Zone;" 2) a paper describing characteristics, data acquisition, and procedures for identifying "Tidal Datums and Mapping Tidal Boundaries;" and 3) a paper discussing issues related to "Legal Aspects of Tidal Boundaries of the Coastal Zone."

BOUNDARIES; MAPS/MAPPING; LAWS AND LEGISLATION

36-007 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Report to the Congress on Coastal Zone Management. July 1973 through June 1974. Public Law 92-583. Washington, D.C. Multi-pp. May 1975.

Presents a report to Congress summarizing the activities of the Office of Coastal Zone Management from July 1973 to June 1974. Included is a summary of state activities, accomplishments of the estuarine and marine sanctuary programs, and problems and proposed legislation solutions. Appendices include dollar amounts of grant awards by state, a state-by-state summary of program development activities, the Coastal Zone Management Act and its regulations.

PLANNING/MANAGEMENT; PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION

36-008 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Its's Your Coast...Get Involved. Washington, D.C. Brochure. June 1975.

Presents a public information brief describing coastal issues, the purpose of the Federal Coastal Zone Management Act, and its implementation. The role of the public in developing state coastal zone programs is reviewed and addresses for state programs are listed.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; ISSUES/PROBLEMS

36-009 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Aesthetic Resources of the Coastal Zone. Prepared by Roy Mann Associates, Inc. (Cambridge, Massachusetts). Washington, D.C. 199 pp. July 1975.

Reviews information and ideas for the identification and management of coastal aesthetic resources by state coastal zone management agencies. Relating to coastal aesthetic resources, topics examined include basic background information, definitions, procedures for inventorying and mapping, criteria for identification, methodologies for coastal landscape assessment, and criteria

36-009 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

for assessing sensitivity to development. Means for implementing state aesthetic resource planning recommendations are presented with applicable Federal, state, regional, local and private administrative tools.

AESTHETICS; MAPS/MAPPING; PROGRAM DEVELOPMENT; PLANNING/MANAGEMENT

36-010 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Methods of Control of Land and Water Uses in the Coastal Zone. Berger, A. H. Washington, D. C. 44 pp. October 1975.

Analyzes the three approaches to controlling land and water uses that are identified in the Coastal Zone Management Act of 1972 and its regulations. The methods include: 1) local regulation according to state guidelines; 2) direct state regulation; and 3) state administrative review of plans for consistency with state coastal zone management programs. The review includes the origin of each method, state trends in regulation, case studies of each method, and a potential composite method incorporating attributes of each of the three methods.

STATE-LOCAL COORDINATION; PROGRAM DEVELOPMENT; PROGRAM DESCRIPTION; PLANNING/MANAGEMENT

36-011 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Results of a Survey of State Coastal Zone Management Program Information Needs. Washington, D.C. 21 pp. October 1975.

Assesses state coastal zone management program information needs as expressed in a survey conducted in July and August of 1975. Under headings of Coastal Zone Management Act requirements, substantive areas, special subject and long term information needs, over fifty study topics are ranked.

ISSUES/PROBLEMS; PROGRAM DEVELOPMENT

36-012 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Federal Consistency Provisions of the Coastal Zone Management Act of 1972, A Preliminary Analysis. Washington, D.C. 26 pp. November 5, 1975.

Analyzes the Federal consistency provisions in the Coastal Zone Management Act of 1972 including those for state-Federal cooperation, explicit consistency provision, Congressional reporting requirements, and exceptions to the

36-012 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

consistency requirements.

FEDERAL CONSISTENCY

36-013 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Recreation: A Handbook for Planners and Managers. Prepared by Robert B. Ditton and Mark Stephens. Washington, D.C. Multi-pp. Appendices. January 1976.

Provides a basic understanding of recreation supply and demand, impacts, and management considerations. Recommendations are made for integrating a recreation element into a long-term coastal zone management program. The report describes a user-resource recreation planning approach as well as some basic recreation planning assumptions and available management tools. Also discussed are: 1) coordination with other governmental agencies having recreation responsibilities; 2) public access; 3) the role of the private sector and classification of coastal recreation activities, a bibliography and selected recreation contacts.

RECREATION/TOURISM; PROGRAM DEVELOPMENT; PUBLIC ACCESS; BIBLIOGRAPHY

36-014 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Information. A Guide for Organizing and Indexing Information Collections. Prepared by the Traverse Group, Inc., Ann Arbor, Michigan.
Part I. Organization and Retrieval.
Part II. Coastal Subject Index.
Washington, D.C. Multi-pp. February 1976.

Presents information on organizing coastal information libraries and reference collections for state coastal zone management programs. Written for the lay person, the document describes techniques and approaches that might be used for organizing information collections. A coastal subject index of 400 entries developed for use by the Coastal Zone Information Center in the Office of Coastal Zone Management is included.

INFORMATION SYSTEMS

36-015 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Business Prospects Under Coastal Zone Management. Real Estate Research Corporation, Chicago, Illinois. Washington, D.C. 18 pp. March 1976.

36-015 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

Presents a preliminary analysis of potential economic impacts of coastal zone management. Using the "California Coastal Plan" as an example, areas of examination focus on the effects of coastal zone management on: 1) public investment in facilities and services (and therefore taxes); 2) land values; and 3) economic development investment opportunities and business profitability.

ECONOMICS; PLANNING/MANAGEMENT; DEVELOPMENT

36-016 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Mapping Handbook. March 1976. Edited by Paul R. Stang, Office of Coastal Zone Management, I. Y. Fitzgerald, National Oceanic Survey, and U.S. Geological Survey, Topographic Division. Washington, D.C. 496 pp. Maps. March 1976.

Presents basic information and concepts on mapping coastal areas. Its objective is to assist coastal planners and managers select mapping procedures that will best suit their particular requirements, objectives and situations. General information includes siting problems, representative state mapping programs, and sources of assistance and data. Technical procedures and products are reviewed with numerous examples. Likely future mapping procedures and techniques are presented. Bibliography, glossary of coastal mapping terms, and appendices are included.

MAPS/MAPPING; PROGRAM DESCRIPTION; BIBLIOGRAPHY

36-017 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Economic Benefits of Coastal Zone Management. An Overview. Prepared by Research Division, the Urban Land Institute. Washington, D.C. 29 pp. March 1976.

Examines economic benefits that can be encouraged under coastal zone management programs. Included are those that affect fisheries, recreation, mineral extraction, water treatment, agriculture, natural hazards, energy facility planning, and general coastal development costs.

ECONOMICS; PLANNING/MANAGEMENT; DEVELOPMENT

36-018 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Report to the Congress on Coastal Zone Management July 1974 through June 1975. Public Law 92-583. Washington, D.C. 17 pp. and Appendices. April 1976.

Presents the third annual report covering significant developments that took place during the second full year of implementing the Federal Coastal Zone Management Act of 1972. Sections summarize the year's activity, present major accomplishments and activities, and review the sanctuaries programs. Appended is the Coastal Zone Management Act and all its regulations as published in the Federal Register.

PLANNING/MANAGEMENT; LAWS AND LEGISLATION; PROGRAM DEVELOPMENT

36-019 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Threshold Papers
- No. 1: Boundaries
- No. 2: Land and Water Uses
- No. 3: Geographic Areas of Particular Concern (Draft)
- No. 4: Public and Governmental Involvement (Draft)
- No. 5: State-Federal Interaction and National Interest
- No. 6: Organization
- No. 7: Authorities

Washington, D.C. Multi-pp. April 1976.

Presents an elaboration on Office of Coastal Zone Management's interpretation of the key state coastal zone management program requirements stipulated in the Coastal Zone Management Act of 1972.

BOUNDARIES; LAND/WATER USE; GEOGRAPHIC AREAS OF PARTICULAR CONCERN; PUBLIC PARTICIPATION; LAWS AND LEGISLATION; NATIONAL INTEREST; FEDERAL AGENCIES; PROGRAM DEVELOPMENT

36-020 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Living Coastal Resources. Prepared by the National Marine Fisheries Service and the U.S. Fish and Wildlife Service. Washington, D.C. 34 pp. Appendices. July 1976.

Describes living resource concepts and subjects important in the development of state coastal zone management programs. A major section of the report identifies and describes programs operated under the U.S. Fish and Wildlife Service and the National Marine Fisheries Service which can provide technical assistance to state CZM programs on living coastal resource subjects. A list of contacts is included.

36-020 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

WILDLIFE; WETLANDS; ESTUARIES; COASTAL RESOURCES; FEDERAL AGENCIES

36-021 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Port Authorities and Coastal Management. One of a series of papers presented to the Office of Coastal Zone Management, NOAA, by coastal user groups. American Association of Port Authorities. Washington, D.C. 49 pp. July 1976.

Discusses the relationship between port problems and coastal zone management efforts. Chapters identify concerns about the American seaport system, a profile of public port authority administrations and port development in a coastal zone management context. A list of port authority contacts in the U.S. is included.

PORTS/WATERFRONTS

36-022 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Facility Guidelines: A Methodology for Their Development with Environmental Case Studies on Marinas and Power Plants. Laist, D. Washington, D.C. 96 pp. Appendices. August 1976.

Presents a methodology for the development of guidelines for various types of coastal facilities. The methodology is designed for application by individual coastal zone management programs and consists of three steps: 1) an analysis of impacts and available management alternatives, 2) evaluation of management alternatives in light of existing state situations, and 3) refinement and implementation of management alternatives. Each major coastal facility type would be subject to the three step process. The methodology is applied to marinas in the state of Florida and to power plants in the state of Maryland.

DEVELOPMENT; PROGRAM DEVELOPMENT; FACILITY SITING; GROWTH; PLANNING/MANAGEMENT; ENERGY FACILITY SITING; MARINAS

36-023 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Who's Minding the Shore? A Citizen's Guide to Coastal Management. Natural Resources Defense Council. Washington, D. C. 51 pp. August 1976. (CZIC)

A handbook designed to help show citizens how to participate in their State's coastal planning efforts.

36-023 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT

36-024 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Natural Hazard Management in Coastal Areas. Prepared by Gilbert F. White, et. al. The Institute of Behavioral Science, the University of Colorado.

Boulder, Colorado. Multi-pp. November 1976. (CZIC)

Describes application of the Coastal Zone Management Act to natural hazards to minimize losses in the coastal zone. Hazards discussed, delineated, and analyzed in light of public policy include hurricane, flood, coastal erosion, landslide, earthquake, tsunami, volcano, avalanche, and land subsidence. Problems are discussed by states also. Problems and recommendations are presented.

NATURAL HAZARDS; FLOODS/FLOODING; EROSION/SEDIMENTATION; CLIMATE/WEATHER

36-025 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Proceedings of the Third National Conference on Coastal Zone Management. Washington, D.C. 404 pp. 1976.

Presents the proceedings of this conference held at Asilomar, California, in spring of 1975. Presentations are included in five general panel categories including energy, technical issues, legal issues, implementation and public participation.

CONFERENCES/WORKSHOPS; PLANNING/MANAGEMENT; ENERGY; LAWS AND LEGISLATION; PUBLIC PARTICIPATION

36-026 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

State Coastal Zone Management Activities, 1975-1976. U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. Washington, D.C. Multi-pp. December 1976. (CZIC)

Describes activities undertaken by the relevant governmental entities during their second year of coastal management program planning. It also shows the extent of the financial commitment by the Federal Office of Coastal Zone Management and the 33 of the 34 coastal states and territories that are participating. It presents the Federal and state matching funds by yearly grant, with the cut-off point being the end of June 1976.

36-026 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

ECONOMICS; PROGRAM DESCRIPTION; FEDERAL AGENCIES; STATE-LOCAL COORDINATION

36-027 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Energy Facility Siting in the Great Lakes Coastal Zone: Analysis and Policy Options. Job, C. A., et. al. The Great Lakes Basin Commission. 524 pp. January 1977. (CZIC)

Surveys existing state and Federal policies affecting energy facilities siting, examines specific types of energy facilities and their dependence on coastal locations, and reviews projections of energy use and related facility requirements.

STATE-LOCAL COORDINATION; FEDERAL AGENCIES; ENERGY FACILITY SITING; ENERGY; REGIONAL IMPACT; PLANNING/ MANAGEMENT

36-028 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

State Information Needs Related to Onshore and Nearshore Effects of OCS Petroleum Development. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management, and the Bureau of Land Management. Washington, D.C. 65 pp. Appendices. January 1977. (CZIC)

This report was undertaken at the request of the OCS Environmental Studies Advisory Committee and was intended to provide an accurate and updated survey of state information needs related to OCS development. Also intended to provide useful information for local, state and Federal officials, the petroleum and offshore development industries and other groups.

OCS; DEVELOPMENT; STATE-LOCAL COORDINATION; REGIONAL IMPACTS

36-029 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Water Management. Traverse Group, Inc. Ann Arbor, MI. 306 pp. May 1977. (CZIC)

Summary of coastal water authorities (Federal and state) and the uses/activities those authorities govern. Includes chapters on ocean dumping, fisheries management, national defense, deepwater ports, tanker safety, liquefied natural gas, and OCS oil and gas development.

COASTAL WATERS; LAND/WATER USE; FISH/FISHERIES; NATIONAL INTEREST; PORTS/ WATERFRONTS; SHIPPING; OCS; DEVELOPMENT; DREDGING

36-030 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Report on Socioeconomic Impacts of an Alaskan Natural Gas Transportation System. Ernest S. Ting. Prepared by the Office of Coastal Zone Management, U.S. Department of Commerce. Washington, D.C. 22 pp. July 1977. (CZIC)

This report contains comments on the socioeconomic impact analysis submitted to the Federal Power Commission. The purpose of the analysis in the report is to present and discuss some important factors which appear to be significant enough for consideration in the President's overall decision.

SOCIOECONOMICS; REGIONAL IMPACT; FEDERAL AGENCIES; TRANSPORTATION

36-031 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Awareness: A Resource Guide for Teachers in Elementary Sciences. Prepared by Frederick A. Rasmussen. U.S. National Oceanic and Atmospheric Administration. Washington, D.C. 84 pp. March 1978. (CZIC)

A document for teachers to use as a basis in teaching children an appreciation of the ecologic and economic value of the coast. Contains concepts and activities for a week long unit in coastal awareness.

EDUCATION; ECONOMICS

36-032 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Awareness: A Resource Guide for Teachers in Junior High Science. Prepared by Frederick A. Rasmussen. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management. Washington, D.C. 92 pp. March 1978. (CZIC)

A document for teachers to use as a basis in teaching junior high science students appreciation of the ecologic and economic value of the coast. Contains concepts and activities for a week long unit in coastal awareness.

EDUCATION; ECONOMICS

36-033 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Awareness: A Resource Guide for Teachers in Senior High Science. Prepared by Frederick A. Rasmussen. U.S. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management. Washington, D.C. 72 pp. March 1978. (CZIC)

36-033 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

A document for teachers to use as a basis in teaching high school science students appreciation of the ecologic and economic value of the coast. Contains concepts and activities for a week long unit in coastal awareness.

EDUCATION; ECONOMICS

36-034 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Public Support for Coastal Zone Management Programs: The Implementation of the Coastal Zone Management Act of 1972. CZM Advisory Committee. Washington, D.C. June 1978. (CZIC)

The objective of this inquiry is to examine the depth and breadth of the coastal zone management constituency. Serious constituency problems for coastal zone management were found to exist. They are 1) limited public participation; 2) the lack of state program specificity including the Federal consistency and national interest provisions of the Act, and 3) future funding issues in coastal management.

FEDERAL CONSISTENCY; PUBLIC PARTICIPATION; NATIONAL INTEREST; ECONOMICS

36-035 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Coastal Zone Management Act Amendments of 1976: A Description for State Legislators. Prepared by the National Conference of State Legislatures. Washington, D.C. 11 pp. July 1978. (CZIC)

This booklet discusses the amendments to Public Law 94-370 which established a coastal energy impact fund to help state and local governments cope with the impacts of new energy-related coastal development, such as liquefied natural gas (LNG) terminals, deepwater ports, and onshore support facilities for OCS activity. Discusses the coastal energy impact program, public beach access, interstate cooperation, state program assistance, state/Federal consistency and how states can take advantage of this Federal program.

LAWS AND LEGISLATION; ECONOMICS; ENERGY; DEVELOPMENT; STATE-LOCAL COORDINATION; PUBLIC ACCESS;

36-036 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Shorefront Access and Island Preservation Study. David Brower, project director. Edited by Richard S. Weinstein. Washington, D. C. November 1978.

36-036 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

An historical perspective and a legal overview of shorefront access and island preservation. A model shorefront access planning process is proposed, and the variety of tools and techniques States may use to acquire access is described. The study also includes an overall description of the islands of the Nation by geologic and regional type.

PUBLIC ACCESS; PLANNING/MANAGEMENT; PRESERVATION

36-037 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Zone Management: A Strategy Guide for AIA Components. Jane A. Silverman. Prepared by the American Institute of Architects. Washington, D.C. 47 pp. Appendices. December 1978. (CZIC)

This publication describes the coastal zone management process and outlines a strategy for participation in it by architects, acting both through their state components and as individuals. The thrust of this booklet is on the planning and management process under the Coastal Zone Management Act (CZMA), some of the key issues raised by the law, and ways that architects can help in their resolution.

PUBLIC PARTICIPATION; PLANNING/MANAGEMENT; LAWS AND LEGISLATION

36-038 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Coastal Zone Management: Balancing Protection and Growth. Jane A. Silverman. Prepared by the American Institute of Architects. Washington, D.C. 33 pp. Appendix. December 1978. (CZIC)

This work discusses the seemingly paradoxical goals of the Coastal Zone Management Act to encourage and provide for economic development and environmental protection. Discusses the American Institute of Architects position on coastal zone management as well as other related topics.

DEVELOPMENT; CONFLICTING USES

36-039 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Report to the Congress on Coastal Zone Management. Fiscal Year 1978. Washington, D. C. 100 pp. January 1979.

A report submitted in compliance with Section 316 of the Coastal Zone Management Act of 1972. It describes the activities and accomplishments of

36-039 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

the Office of Coastal Zone Management during fiscal year 1978.

PROGRAM DESCRIPTION; FEDERAL AGENCIES; FEDERAL CONSISTENCY

36-040 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The First Five Years of Coastal Zone Management: An Initial Assessment. Washington, D.C. 60 pp. March 1979. (CZIC)

This report documents the results of state coastal management activities that address important concerns in the Act: the protection of significant natural resources, the management of coastal development, the provision of additional recreational access to the coast, and the improved coordination and simplification of government decision-making procedures.

PROGRAM DESCRIPTION; PROGRAM DEVELOPMENT; DEVELOPMENT; RECREATION/TOURISM; PUBLIC ACCESS; FEDERAL AGENCIES

36-041 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Center for Technology Assessment and Resource Policy Energy Facility Siting Study. Volumes I and II. Prepared by the Center for Technology Assessment and Resource Policy (CTARP), Stanford University, Palo Alto, CA. Washington, D.C. Volume I, 161 pp. Volume II, 403 pp. No Date.

This report examines the "national interest" provision of the Coastal Zone Management Act as it relates to energy facility siting. Volume I: Coastal Energy Facility Siting and the National Interest, covers energy facility siting controversies, the national interest: rhetoric, theory and practice, informed and equitable resolution of siting conflicts, the source of conflicts, current issues in coastal management, and an ideal facility siting process. Volume II covers impact analysis and case studies.

NATIONAL INTEREST; ENERGY FACILITY SITING; REGIONAL IMPACTS

36-042 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Where Land and Water Meet. National Ocean Industries Association. Washington, D.C. 60 pp. July 1979. (CZIC)

A brief review of coastal management activities, including the Coastal Zone Management Act and marine sanctuaries, plus a more thorough discussion of offshore industries and their evolution. Industries discussed are energy,

36-042 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management. (continued)

geophysical surveying, drilling, construction, service, supply, transportation, diving, shipbuilding, marine salvors, fishing, and deepsea mining.

PROGRAM DESCRIPTION; OCS; INDUSTRY/COMMERCE; ENERGY; GEOLOGY; ENGINEERING; SHIPPING; FISH/FISHERIES; MARINE MINING; DREDGING; ISSUES/PROBLEMS

36-043 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Role of Conservation Districts in the Coastal Zone Management Program. National Association of Conservation Districts. 30 pp. December 1979

A description of the potential role of conservation districts in implementing coastal zone management programs and coordinating the nonpoint source pollution control programs being developed under Section 208 of the Clean Water Act.

CONSERVATION; PLANNING/MANAGEMENT; PROGRAM DESCRIPTION; POLLUTION

36-044 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

National Conference on Ports and Coastal Management. Final Report. Washington, D. C. 30 pp. 1979.

Proceedings of a national conference on ports and coastal management held July 30 - August 1, 1979 in Boston, Massachusetts. The conference was cosponsored by the Office of Coastal Zone Management, the Maritime Administration, and the American Association of Port Authorities.

PORTS/WATERFRONTS; PLANNING/MANAGEMENT; CONFERENCES/WORKSHOPS; WATERFRONT DEVELOPMENT

36-045 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Reviving the Urban Waterfront. Edited by Andy Leon Harney. Partners for Livable Places, National Endowment for the Arts, and the Office of Coastal Zone Management. 48 pp. 1979.

A description of seven urban waterfront revival projects that demonstrate the important changes that can be brought about through imaginative reuses of urban waterfronts.

WATERFRONT DEVELOPMENT; PRESERVATION; URBAN AREAS; PORTS/WATERFRONTS

36-046 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Data Atlas. Eastern United States, Coastal and Ocean Zones. By G. Carleton Ray, et. al. for the Council on Environmental Quality and the Office of Coastal Zone Management. Washington, D. C. Multi-pp. August 1980.

An atlas consisting of a series of maps covering a study area from the Canada - U.S. Border to the Florida Keys, designed to provide a preliminary basis for identifying and better understanding of some of the relationships between and among human activities and elements of the natural system as they interact in the coastal and ocean zones of the Eastern U.S.

ATLASES; MAPS/MAPPING; COASTAL INVENTORIES; COASTAL DEPENDENT USES

36-047 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Survey of Coastal Zone Permit Information Systems. Final Report. Prepared by David H. Hunsberger. Washington, D. C. 65 pp. with appendices. December 1980.

A report on a survey of seven States' permit systems, representative of all stages of permit system development. Major problems and opportunities in permit system development are discussed.

PERMITS/PERMITTING; PROGRAM MONITORING/EVALUATION; ISSUES/PROBLEMS

36-048 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

Improving Your Waterfront: A Practical Guide. Prepared by the Office of Coastal Zone Management in cooperation with the U.S. Dept. of Interior, Heritage Conservation and Recreation Service. Washington, D. C. 108 pp. 1980.

A guide intended to help city officials, leaders of citizen's groups, and private developers who want to bring about change in their community's waterfront. One of its major purposes is to convey ideas about the wide range of developments that can comprise waterfront renewal projects, and the varied sources of governmental aid that might be used.

WATERFRONT DEVELOPMENT; PRESERVATION; URBAN AREAS; PORTS/WATERFRONTS; PLANNING/MANAGEMENT

36-049 U.S. National Oceanic and Atmospheric Administration. Office of Coastal Zone Management.

The Federal Coastal Programs Review. A Report to the President. Washington, D. C. 346 pp. January 1981.

The report responds to President Carter's request (in his August 1979 "Environmental Message") for the Secretary of Commerce to conduct a systematic review of Federal programs that affect coastal resources for the purposes of identifying conflicts between the objectives and administration of such programs and the purposes and policies of the Coastal Zone Management Act of 1972, as amended. Chapters address 1) development and reconstruction assistance in coastal hazards areas, 2) Federal support of infrastructure development, 3) access to Federal lands in the coastal zone, 4) Federal programs related to energy development, and 5) improved coordination for planning and permitting in special areas.

PROGRAM DESCRIPTION; GOALS/OBJECTIVES; PROGRAM MONITORING/EVALUATION; POLICY FORMULATION/EVALUATION; PLANNING/MANAGEMENT

APPENDIX A

KEYWORDS USED IN CITATIONS

AESTHETICS
AGRICULTURE
AIR RESOURCES
AQUACULTURE
ATLASES
BARRIER ISLANDS
BEACHES/DUNES
BIBLIOGRAPHY
BOATING
BOUNDARIES
CLIMATE/WEATHER
COAL TRANSPORTATION/STORAGE
COASTAL DEPENDENT USES
COASTAL INVENTORIES
COASTAL RESOURCES
COASTAL WATERS
CONFERENCES/WORKSHOPS
CONFLICTING USES
CONSERVATION
CORAL REEFS
CRITICAL AREAS
CULTURAL/HISTORICAL RESOURCES
DEVELOPMENT
DREDGING
ECONOMICS
EDUCATION
ENERGY
ENERGY FACILITY SITING
ENERGY IMPACTS
ENERGY LAWS & LEGISLATION
ENERGY TRANSPORTATION/STORAGE
ENGINEERING
ENVIRONMENTAL IMPACT
EROSION/SEDIMENTATION
ESTUARIES
FACILITY SITING
FEDERAL AGENCIES
FEDERAL CONSISTENCY
FEDERAL/STATE COORDINATION
FISH/FISHERIES
FLOODPLAIN
FLOODS/FLOODING
FORESTRY/LOGGING
GEOGRAPHIC AREAS OF PARTICULAR CONCERN
GEOLOGICAL HAZARDS AREAS
GEOLOGY
GOALS/OBJECTIVES
GROUNDWATER
GROWTH
HURRICANES

HYDROLOGY

INDUSTRY/COMMERCE

INFORMATION SYSTEMS

ISSUES/PROBLEMS

LAND/WATER USE

LAWS & LEGISLATION

LEGAL/INSTITUTIONAL ANALYSIS

LIVING MARINE RESOURCES

MAPS/MAPPING

MARINAS

MARINE BIOLOGY

MARINE MINING

NATIONAL INTEREST

NATIVE AMERICANS

NATURAL HAZARDS

NAVIGATION

OCS

OIL AND GAS

OIL POLLUTION/EFFECTS

OIL SPILL PREVENTION

OPEN SPACE

PERMISSIBLE USES

PERMITS/PERMITTING

PETROLEUM INDUSTRY

PLANNING/MANAGEMENT

POLICY FORMULATION/EVALUATION

POLLUTION

POPULATION

PORTS/WATERFRONTS

PROGRAM DESCRIPTION

PROGRAM MONITORING/EVALUATION

PRESERVATION

PUBLIC ACCESS

PUBLIC PARTICIPATION

RECREATION/TOURISM

REGIONAL IMPACT

REMOTE SENSING

RESOURCE PROTECTION

SHIPPING

SOCIOECONOMICS

SPECIAL AREAS MANAGEMENT

STATE/LOCAL COORDINATION

STATISTICS

SUBMERGED LANDS

TRANSPORTATION

VEGETATION

WATER DEVELOPMENT PROJECTS

WATER POLLUTION

WATER QUALITY

WATER RESOURCES

WATERFRONT DEVELOPMENT

WATERSHEDS

WETLANDS

WILDLIFE

ZONING

APPENDIX B

AESTHETICS

Alaska	02-005, 02-013, 02-023, 02-055, 02-064, 02-066, 02-071, 02-086, 02-094
Delaware	05-012
Hawaii	08-011
Illinois	09-042
Indiana	10-023
Louisiana	11-044, 11-045
Michigan	15-014, 15-024
New York	20-039, 20-059
North Carolina	21-031
Ohio	22-007, 22-008
Oregon	23-004
Pennsylvania	24-010
Wisconsin	30-039
Guam	31-010
OCZM	36-009

AGRICULTURE

Alabama	01-005
California	03-006, 03-025
Louisiana	11-006, 11-023, 11-030, 11-059
New Jersey	19-007, 19-008, 19-009, 19-013
New York	20-020, 20-059
North Carolina	21-047
Oregon	23-004,
Pennsylvania	24-009
Guam	31-001, 31-014

AIR RESOURCES

New Jersey	19-003
New York	20-059
Rhode Island	25-008

AQUACULTURE

Louisiana	11-006
Rhode Island	25-025
Washington	29-017, 29-023, 29-028
Guam	31-011

ATLASES

Alabama	01-011, 01-019, 01-024, 01-027
Alaska	02-039, 02-085
California	03-009
Maine	12-023
Maryland	13-007, 13-008, 13-009, 13-011, 13-012, 13-013, 13-014
Massachusetts	14-011
Minnesota	16-007
Rhode Island	25-017
Washington	29-037, 29-039, 29-040
Guam	31-004
American Samoa	34-002
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Georgia	07-025
Massachusetts	14-015
New Jersey	19-058
New York	20-067
North Carolina	21-026, 21-027
South Carolina	26-019, 26-020

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Alabama	01-005
California	03-031, 03-037, 03-039, 03-040, 03-050, 03-054
Connecticut	04-003
Delaware	05-005
Georgia	07-003, 07-016, 07-020, 07-025
Hawaii	08-002, 08-009, 08-010, 08-029, 08-041, 08-044
Illinois	09-003, 09-007, 09-023, 09-026, 09-029, 09-040, 09-041, 09-042
Indiana	10-010, 10-017
Louisiana	11-043
Maine	12-017, 12-024, 12-030, 12-033
Maryland	13-032
Massachusetts	14-015

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Michigan	15-001, 15-011
New Hampshire	18-001
New Jersey	19-031, 19-036, 19-051, 19-054
New York	20-003, 20-006, 20-051
North Carolina	21-002, 21-027, 21-048
Ohio	22-007, 22-008, 22-009, 22-011
Oregon	23-004, 23-012, 23-013, 23-016, 23-022, 23-023, 23-024, 23-025, 23-026, 23-027, 23-030
South Carolina	26-012, 26-016, 26-020
Virginia	28-030, 28-031
Washington	29-003, 29-031, 29-034
Guam	31-004, 31-015
Northern Marianas	32-001, 32-003
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Hawaii	08-003, 08-031
Illinois	09-015
Louisiana	11-019, 11-022, 11-035
Maine	12-006
Maryland	13-004, 13-042, 13-047
Massachusetts	14-001
New Jersey	19-003
New York	20-022
North Carolina	21-010, 21-047
Oregon	23-016, 23-027
South Carolina	26-003, 26-001
Texas	27-002, 27-012, 27-025, 27-033, 27-044, 27-052
Virginia	28-006
Wisconsin	30-003, 30-006, 30-015, 30-024
Guam	31-002, 31-0023
Virgin Islands	35-001
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Illinois	09-034, 09-038, 09-039
Maryland	13-004, 13-020, 13-029, 13-037, 13-040
Michigan	15-009, 15-022
New Jersey	19-036
North Carolina	21-012, 21-022
Oregon	23-019
Pennsylvania	24-017, 24-018, 24-019, 24-024, 24-041
Wisconsin	30-014, 30-017, 30-018, 30-020, 30-021, 30-043

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Alaska	02-007, 02-010, 02-043, 02-044, 02-045, 02-062, 02-082
California	03-058
Connecticut	04-003, 04-021, 04-027
Delaware	05-019
Georgia	07-013
Hawaii	08-001, 08-010, 08-015, 08-031, 08-042
Illinois	09-009
Louisiana	11-005, 11-008, 11-012
Maryland	13-002, 13-006, 13-016, 13-030
Massachusetts	14-002, 14-009, 14-012
Mississippi	17-002, 17-004, 17-005
New Hampshire	18-001, 18-004
New Jersey	19-048, 19-049, 19-053
New York	20-008, 20-013, 20-014, 20-016, 20-027, 20-035, 20-050, 20-057 20-058, 20-059
North Carolina	21-027, 21-028, 21-034, 21-052
Oregon	23-004
Rhode Island	25-007, 25-013
South Carolina	26-004, 26-011
Virginia	28-029
Washington	29-015, 29-016, 29-021
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Alabama	01-006, 01-015
California	03-020, 03-025
Delaware	05-006, 05-013, 05-027
Hawaii	08-012
Illinois	09-003
Louisiana	11-013, 11-014, 11-018, 11-026, 11-035
Maine	12-024, 12-026

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Ohio	22-006
Texas	27-044
Wisconsin	30-006, 30-024
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Indiana	10-021
Michigan	15-028
North Carolina	21-035, 21-036, 21-038, 21-045, 21-050, 21-051
Ohio	22-014

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Alaska	02-001, 02-002, 02-004, 02-006, 02-009, 02-010, 02-012, 02-013, 02-023, 02-027, 02-035, 02-048, 02-050, 02-064, 02-070, 02-071, 02-082, 02-083, 02-085, 02-086, 02-087, 02-091
California	03-001, 03-005
Delaware	05-002, 05-003, 05-004, 05-005, 05-007, 05-008, 05-010, 05-011, 05-012
Georgia	07-014
Hawaii	08-001, 08-006, 08-010, 08-011, 08-013, 08-014, 08-018, 08-023
Illinois	09-003, 09-015, 09-020, 09-027
Indiana	10-004, 10-007, 10-008, 10-014, 10-015, 10-017
Louisiana	11-002, 11-004, 11-006, 11-011, 11-018, 11-019, 11-021, 11-033, 11-054
Maine	12-002, 12-004, 12-005, 12-006, 12-007, 12-008, 12-013, 12-014, 12-023, 12-027, 12-028
Maryland	13-007, 13-008, 13-009, 13-011, 13-012, 13-013, 13-014, 13-016, 13-017 13-019, 13-029, 13-036, 13-048
Massachusetts	14-001
Minnesota	16-001, 16-002, 16-005, 16-007
Mississippi	17-002
New Hampshire	18-001, 18-002, 18-004, 18-006, 18-007, 18-011
New York	20-014, 20-015, 20-018, 20-036, 20-063

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Ohio	22-008, 22-009, 22-019, 22-021
Oregon	23-001, 23-002, 23-004, 23-013, 23-019, 23-020, 23-023, 23-026
Pennsylvania	24-002, 24-004, 24-005, 24-009, 24-043
Rhode Island	25-004, 25-007, 25-008, 25-025
South Carolina	26-005, 26-008
Texas	27-006, 27-012, 27-025, 27-053
Virginia	28-002, 28-007, 28-009, 28-010, 28-011, 28-013, 28-017, 28-020, 28-021, 28-026, 28-030
Washington	29-004, 29-005, 29-007, 29-009, 29-011, 29-018, 29-040
Wisconsin	30-005, 30-008, 30-010, 30-011, 30-016, 30-036, 30-041,30-042, 30-050
Guam	31-009, 31-010, 31-012, 31-035
Northern Marianas	32-003, 32-005
Puerto Rico	33-004, 33-005, 33-012, 33-018
American Samoa	34-002, 34-003
Virgin Islands	35-001, 35-005
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Alabama	01-005, 01-015, 01-017, 01-018
Alaska	02-005, 02-007, 02-009, 02-012, 02-013, 02-018, 02-020, 02-021, 02-023, 02-027, 02-035, 02-036, 02-037, 02-048, 02-050, 02-060
California	03-001, 03-003, 03-005, 03-036, 03-037, 03-038, 03-050, 03-053
Connecticut	04-001, 04-003, 04-025, 04-031, 04-032
Delaware	05-012
Florida	06-005
Georgia	07-003, 07-007, 07-008, 07-014, 07-018, 07-020, 07-021, 07-024, 07-025
Hawaii	08-002, 08-006, 08-010, 08-011, 08-021, 08-022, 08-024
Illinois	09-015, 09-016, 09-026
Indiana	10-008
Louisiana	11-002, 11-010, 11-020, 11-021, 11-030, 11-031, 11-032, 11-039, 11-048, 11-049, 11-059
Maine	12-004, 12-005, 12-007, 12-011
Maryland	13-017, 13-022, 13-031, 13-039, 13-042, 13-055, 13-058
Massachusetts	14-003, 14-015, 14-017
New Hampshire	18-001, 18-004, 18-006
New York	20-023, 20-036
Ohio	22-006, 22-007, 22-008, 22-009, 22-012
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Virginia	28-004, 28-019, 28-022
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Wisconsin	30-005, 30-010, 30-011, 30-016
Guam	31-009, 31-012, 31-026
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Puerto Rico	33-004, 33-008, 33-025
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Alaska	02-005, 02-045, 02-093
Delaware	05-005
Georgia	07-003, 07-017
Hawaii	08-010, 08-015
Illinois	09-023
Louisiana	11-010, 11-011, 11-016, 11-017, 11-018, 11-025
Maine	12-025
Maryland	13-049
Minnesota	16-003
New Hampshire	18-006
New York	20-001, 20-012, 20-021, 20-042, 20-047, 20-048, 20-051, 20-061, 20-064, 20-065, 20-066, 20-069, 20-070
Ohio	22-005, 22-012
Texas	27-006
Washington	29-003
Wisconsin	30-003, 30-009, 30-012, 30-024
Guam	31-011, 31-026
Puerto Rico	33-010, 33-013, 33-026, 33-032
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Alabama	01-027
Alaska	02-068
Delaware	05-001, 05-029
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Maine	12-032
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Alaska	02-011, 02-068, 02-090
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Delaware	05-028, 05-033
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Louisiana	11-050
Maryland	13-023
New Hampshire	18-003, 18-004, 18-007
New York	20-014, 20-016, 20-030
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Oregon	23-025
Washington	29-023
Wisconsin	30-012, 30-038
Guam	31-006
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Illinois	09-008, 09-015

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Louisiana	11-021, 11-053
Maine	12-003, 12-004, 12-005, 12-009, 12-010, 12-011, 12-028, 12-031, 12-033, 12-038, 12-040, 12-041
Massachusetts	14-010, 14-017
New York	20-036, 20-044
Ohio	22-008, 22-009
Oregon	23-004, 23-018, 23-024
Pennsylvania	24-009
Rhode Island	25-004, 25-019
Texas	27-044, 27-053
Washington	29-018
Wisconsin	30-001, 30-009
Guam	31-010, 31-012, 31-018
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Oregon	23-004
Pennsylvania	24-021, 24-025, 24-028, 24-038

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Alabama	01-007, 01-029, 01-030
Alaska	02-006, 02-010, 02-011, 02-014, 02-015, 02-016, 02-017, 02-018, 02-019, 02-020, 02-021, 02-028, 02-032, 02-034, 02-036, 02-038 02-051, 02-054, 02-060, 02-069, 02-080
California	03-001, 03-002, 03-005, 03-007, 03-008, 03-010, 03-012, 03-013, 03-015, 03-018, 03-019, 03-022, 03-023, 03-033, 03-046, 03-057, 03-059
Connecticut	04-001, 04-003, 04-004, 04-006, 04-007, 04-010, 04-013, 04-015, 04-017, 04-019, 04-020, 04-021, 04-022, 04-023, 04-024, 04-026 04-027, 04-028, 04-031, 04-035
Delaware	05-018, 05-022, 05-026, 05-028, 05-030, 05-031, 05-032
Georgia	07-002, 07-003, 07-005, 07-006, 07-007, 07-010, 07-015
Hawaii	08-004, 08-005, 08-008, 08-014, 08-016, 08-022, 08-027, 08-030, 08-031, 08-038
Illinois	09-001, 09-009, 09-011, 09-017, 09-019, 09-022, 09-032, 09-033 09-034, 09-038, 09-042
Indiana	10-007, 10-012
Louisiana	11-002, 11-003, 11-004, 11-009, 11-019, 11-022, 11-023, 11-026, 11-029, 11-039, 11-043, 11-048, 11-050

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Maine	12-002, 12-009, 12-012, 12-015, 12-017, 12-018, 12-019, 12-021, 12-034
Massachusetts	14-007, 14-008, 14-012
Mississippi	17-001, 17-007, 17-011, 17-022
New Hampshire	18-004, 18-005
New York	20-005, 20-007, 20-014, 20-015, 20-016, 20-017, 20-018, 20-020, 20-021, 20-026, 20-031, 20-042, 20-050, 20-051, 20-055, 20-056, 20-057, 20-059, 20-060, 20-061, 20-067, 20-072
Ohio	22-003, 22-010, 22-014, 22-015
Oregon	23-003, 23-004, 23-006, 23-017, 23-019, 23-029, 23-031
Pennsylvania	24-004, 24-005, 24-012, 24-013, 24-021, 24-025, 24-026, 24-040, 24-041, 24-045
Rhode Island	25-010, 25-012, 25-016, 25-021, 25-023, 25-026
South Carolina	26-010, 26-018
Texas	27-001, 27-017, 27-022, 27-024, 27-025, 27-026, 27-027, 27-048
Virginia	28-001, 28-005, 28-008, 28-014, 28-030
Washington	29-001, 29-002, 29-004, 29-016, 29-025, 29-034, 29-041, 29-042, 29-043
Wisconsin	30-004, 30-015, 30-020, 30-029, 30-030, 30-033, 30-034, 30-037 30-046, 30-047, 30-049
Guam	31-001, 31-006, 31-011, 31-020, 31-022, 31-031
Puerto Rico	33-001, 33-004, 33-019, 33-031
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Alaska	02-089, 02-090
California	03-001
Delaware	05-015, 05-017
Florida	06-010
Hawaii	08-037
Indiana	10-007
Louisiana	11-020, 11-049
New York	20-048, 20-051
Ohio	22-012
Pennsylvania	24-039
Rhode Island	25-020, 25-026
Texas	27-019, 27-020, 27-021, 27-031, 27-052
Virginia	28-026
Wisconsin	30-002, 30-037, 20-044, 30-045, 30-049
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Alaska	02-001, 02-004, 02-008, 02-015, 02-017, 02-025, 02-054, 02-058, 02-067, 02-074, 02-080, 02-082, 02-092
California	03-006, 03-025
Connecticut	04-023
Delaware	05-002
Florida	06-004, 06-005, 06-008, 06-009, 06-010
Georgia	07-019
Hawaii	08-004, 08-008
Illinois	09-011, 09-019, 09-031, 09-032
Indiana	10-004, 10-012, 10-014, 10-021
Louisiana	11-003, 11-004, 11-006, 11-009, 11-022, 11-024, 11-025, 11-030, 11-039, 11-042, 11-044, 11-045, 11-056, 11-057, 11-058
Maine	12-012, 12-013, 12-020
Minnesota	16-002, 16-004
Mississippi	17-007, 17-009, 17-015, 17-027
New York	20-005, 20-030, 20-034, 20-043, 20-052, 20-053, 20-055, 20-056, 20-059, 20-060
Ohio	22-002
Oregon	23-003, 23-014
Pennsylvania	24-004, 24-005, 24-007, 24-010, 24-013, 24-037, 24-045
Rhode Island	25-008, 25-009, 25-021, 25-023
Texas	27-002, 27-005, 27-011, 27-012, 27-015, 27-016, 27-020, 27-021, 27-023, 27-025, 27-026, 27-029, 27-032, 27-033, 27-039, 27-040, 27-041, 27-046
Virginia	28-028, 28-031
Washington	29-019, 29-029, 29-030, 29-032, 29-038,
Wisconsin	30-013, 30-017, 30-030, 30-032, 30-033, 30-037, 30-045
Guam	31-022, 31-024, 31-027, 31-031, 31-032, 31-033, 31-034
Puerto Rico	33-012, 33-036
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Georgia	07-018
Illinois	09-025, 09-026, 09-030, 09-040, 09-041, 09-042
Maine	12-020
Mississippi	17-020, 17-021, 17-025, 17-028, 17-030, 17-031
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New York	20-037
Ohio	22-004, 22-013
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Alaska	02-003, 02-028, 02-034, 02-036
California	03-011, 03-027, 03-035, 03-047
Hawaii	08-034
Indiana	10-014, 10-015
Louisiana	11-009, 11-026, 11-042
New York	20-011, 20-047, 20-052, 20-053, 20-055, 20-059
Ohio	22-002, 22-017
Oregon	23-004, 23-014, 23-017
Pennsylvania	24-042
Rhode Island	25-012, 25-028
Virginia	28-008
Washington	29-024
Wisconsin	30-040
Guam	31-007, 31-020, 31-024, 31-026, 31-029, 31-030
Northern Marianas	32-002
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Alaska	02-008, 02-018, 02-024
California	03-002, 03-027, 03-031, 03-036, 03-037, 03-038, 03-039, 03-040 03-047, 03-050
Florida	06-003, 06-007
Georgia	07-023
Hawaii	08-032, 08-034
Indiana	10-014, 10-015, 10-021
Louisiana	11-048
Maine	12-019
Massachusetts	14-007
New Hampshire	18-009
New York	20-024, 20-035, 20-049, 20-068, 20-071
Oregon	23-011, 23-017
Rhode Island	25-014, 25-028
Texas	27-008, 27-010, 27-023, 27-024, 27-025, 27-026, 27-029, 27-034, 27-035, 27-042

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Washington	29-024, 29-038
Guam	31-007, 31-024, 31-026, 31-029, 31-030, 31-032
Puerto Rico	33-037
American Samoa	34-003
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Florida	06-007, 06-009, 06-012, 06-014
Indiana	10-020
Mississippi	17-015
New York	20-063, 20-071
Ohio	22-018
Rhode Island	25-014, 25-019, 25-027
Guam	31-022, 31-026, 31-032
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Oregon	23-005, 23-017
Guam	31-020, 31-030, 31-032
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Alabama	01-029
California	03-024, 03-045
Maryland	13-046, 13-038
Michigan	15-025, 15-028
New York	20-068
Guam	31-030

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Alaska	02-072, 02-089
Connecticut	04-007
Delaware	05-011
Illinois	09-023, 09-038
Indiana	10-015
Louisiana	11-020, 11-034, 11-049
Maryland	13-011, 13-012, 13-013, 13-024, 13-032
Minnesota	16-003
New York	20-001, 20-072
Pennsylvania	24-021, 24-033, 24-045
Texas	27-030
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Florida	06-009, 06-010, 06-011, 06-012
Hawaii	08-034
Indiana	10-021
Maryland	13-037, 13-038, 13-043, 13-060
Massachusetts	14-018
Mississippi	17-009, 17-012, 17-013
New York	20-071
Oregon	23-025
Pennsylvania	24-042
Rhode Island	25-013, 25-020, 25-026

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Wisconsin	30-044
Guam	31-024, 31-027, 31-031, 31-032
Northern Marianas	32-002, 32-004
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Alaska	02-022, 02-036, 02-052
California	03-001, 03-004, 03-009, 03-020, 03-030, 03-037, 03-038, 03-039, 03-040, 03-050
Connecticut	04-030
Delaware	05-005, 05-013, 05-016, 05-029, 05-032
Hawaii	08-041, 08-044
Illinois	09-003, 09-004, 09-007, 09-013, 09-018, 09-021, 09-023, 09-035 09-036, 09-040, 09-041
Indiana	10-011, 10-017, 10-022
Louisiana	11-017, 11-040, 11-047
Maine	12-019
Maryland	13-007, 13-008, 13-009, 13-010, 13-011, 13-012, 13-013, 13-014, 13-032, 13-040, 13-049, 13-055
Mississippi	17-014, 17-016
New York	20-059
Ohio	22-006, 22-011, 22-013, 22-016
Oregon	23-024, 23-025
Pennsylvania	24-002, 24-022, 24-023, 24-030, 24-033, 24-034, 24-035, 24-043, 24-046
South Carolina	26-012, 26-016
Virginia	28-029, 28-031
Washington	29-003
Wisconsin	30-001, 30-009, 30-023, 30-024, 30-028, 30-031, 30-038, 30-042
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Georgia	07-011, 07-017, 07-025
Hawaii	08-010
Louisiana	11-010, 11-011, 11-014, 11-016, 11-018, 11-034, 11-052
Maine	12-025
Maryland	13-045, 13-049, 13-057, 13-059
Massachusetts	14-003
New Hampshire	18-007
Ohio	22-020
Oregon	23-001, 23-004, 23-019, 23-021
Pennsylvania	24-010
Washington	29-036
Guam	31-004
Puerto Rico	33-034
OCZM	36-020

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Alaska	02-010, 02-019, 02-020, 02-021, 02-054, 02-055, 02-056, 02-060, 02-089
California	03-016, 03-057
Connecticut	04-008, 04-012
Delaware	05-022, 05-028
Louisiana	11-043
Maine	12-015, 12-035
Maryland	13-004, 13-020, 13-023, 13-025, 13-026, 13-027, 13-038, 13-048
Massachusetts	14-005
Michigan	15-025
Minnesota	16-003
Mississippi	17-008, 17-015
New Jersey	19-003, 19-013, 19-014, 19-026, 19-056
New York	20-029, 20-068
North Carolina	21-011
Ohio	22-010, 22-017
Oregon	23-017
Pennsylvania	24-020
Rhode Island	25-001, 25-013
Texas	27-022, 27-027, 27-043, 27-044, 27-045, 27-046, 27-049
Virginia	28-008, 28-014
Washington	29-029, 29-030
Guam	31-031
Puerto Rico	33-007
Virgin Islands	35-002
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Alabama	01-008
Alaska	02-026, 02-063, 02-076
California	03-026
Connecticut	04-009, 04-016, 04-021
Delaware	05-025
Florida	06-006
Hawaii	08-027, 08-031, 08-032
Louisiana	11-007, 11-027
Maryland	13-003, 13-030, 13-031
Massachusetts	14-012
Michigan	15-005
New Hampshire	18-004
New Jersey	19-016, 19-025, 19-027
New York	20-011, 20-038, 20-043, 20-056
North Carolina	21-053
Oregon	23-008
South Carolina	26-010
Texas	27-004, 27-013, 27-021, 27-023, 27-043, 27-047
Virginia	28-022
Puerto Rico	33-006, 33-008, 33-014
OCZM	36-004, 36-005, 36-019, 36-020, 36-026, 36-027, 36-030, 36-039 36-040

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Alaska	02-026, 02-029, 02-038
California	03-027
Connecuticut	04-020, 04-028, 04-033
Delaware	05-025
Florida	06-013
Hawaii	08-019, 08-033
Louisiana	11-007, 11-053
Mississippi	17-013, 17-026
New Hampshire	18-010, 18-013
New York	20-038, 20-043, 20-059
Oregon	23-017
Pennsylvania	24-020
Rhode Island	25-007
Washington	29-015
Guam	31-007, 31-021
Northern Marianas	32-002
American Samoa	34-001
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FEDERAL/STATE COORDINATION

California	03-026
Hawaii	08-033
Maryland	13-054
Washington	29-015
Guam	31-005
American Samoa	34-003

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Alabama	01-009
Alaska	02-008, 02-009, 02-027, 02-042, 02-043, 02-044, 02-048, 02-049, 02-050, 02-056, 02-075, 02-083, 02-092
California	03-001
Connecticut	04-025
Georgia	07-001, 07-005
Hawaii	08-040
Illinois	09-020, 09-037
Louisiana	11-010, 11-013, 11-014, 11-030, 11-031, 11-034
Maine	12-005, 12-007, 12-014, 12-015, 12-021
Maryland	13-015, 13-031, 13-041, 13-045, 13-049
Massachusetts	14-001, 14-006
Michigan	15-006
Mississippi	17-001, 17-010, 17-011, 17-029
New Jersey	19-019, 19-027
New York	20-019, 20-036, 20-048, 20-053, 20-059, 20-061
North Carolina	21-022, 21-030, 21-033, 21-045, 21-046, 21-047
Pennsylvania	24-020
Rhode Island	25-003, 25-015, 25-016, 25-017, 25-018, 25-025
Texas	27-026, 27-043
Virginia	28-030
Washington	29-022, 29-025, 29-027, 29-032, 29-036, 29-044
Wisconsin	30-014, 30-035
Guam	31-009, 31-011, 31-016, 31-019, 31-031, 31-033
Northern Marianas	32-004
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California	03-030
Maryland	13-056

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Alaska	02-022, 02-036, 02-052, 02-064
California	03-004, 03-005, 03-030, 03-036, 03-038, 03-039, 03-040, 03-050
Connecticut	04-003
Delaware	05-006, 05-027
Georgia	07-014
Hawaii	08-012
Illinois	09-018
Louisiana	11-008
Maine	12-007, 12-024, 12-026
New York	20-059
North Carolina	21-002, 21-024
Ohio	22-011
Oregon	23-002, 23-004
Virginia	28-030
Wisconsin	30-001
Puerto Rico	33-021, 33-022, 33-023, 33-024, 33-027
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Alaska	02-051, 02-075, 02-083
Louisiana	11-006, 11-028, 11-049, 11-059

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Alabama	01-005
Alaska	02-025, 02-036, 02-039, 02-040, 02-045, 02-053, 02-056, 02-064, 02-065, 02-066, 02-071, 02-083
Connecticut	04-001, 05-021
Delaware	05-012, 05-021
Florida	06-004, 06-005
Georgia	07-014
Hawaii	08-001
Illinois	09-008, 09-042
Louisiana	11-002, 11-040, 11-044, 11-054
Maine	12-001, 12-004, 12-005
Maryland	13-002, 13-017, 13-030, 13-045
Minnesota	16-001
Mississippi	17-002, 17-006, 17-007, 17-008
New Hampshire	18-001, 18-002, 18-004, 18-010, 18-011
New York	20-033, 20-044, 20-045, 20-048, 20-058, 20-059
Pennsylvania	24-009

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Rhode Island	25-004
South Carolina	26-009, 26-010
Virginia	28-004, 28-022, 28-029
Washington	29-015
Wisconsin	30-036, 30-041
Puerto Rico	33-014, 33-020, 33-030
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Alabama	01-026
Alaska	02-052
California	03-036, 03-037, 03-038, 03-039, 03-040, 03-050

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Alabama	01-006, 01-015, 01-026
Alaska	02-012, 02-013, 02-022, 02-036, 02-043, 02-044, 02-046, 02-046, 02-064, 02-078, 02-084
California	03-005
Connecticut	04-030
Delaware	05-005, 05-013, 05-016, 05-020
Georgia	07-013, 07-023, 07-025
Illinois	09-003, 09-021, 09-022, 09-027, 09-035, 09-037, 09-040
Indiana	10-011
Louisiana	11-017, 11-026
Maine	12-007, 12-010
Massachusetts	14-001
Minnesota	16-004
New Jersey	19-031
New York	20-062
North Carolina	21-047
Ohio	22-006
Oregon	23-002, 23-024, 23-029
Pennsylvania	24-030
Rhode Island	25-026
Texas	27-044
Washington	29-003, 29-035, 29-037
Wisconsin	30-006, 30-024, 30-035
Northern Marianas	32-001, 32-003
Puerto Rico	33-010
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Alabama	01-001, 01-014
Alaska	02-034, 02-038, 02-074
California	03-002, 03-007, 03-015, 03-018, 03-021
Connecticut	04-009, 04-017, 04-026, 04-027, 04-029, 04-031, 04-032, 04-035
Delaware	05-021, 05-024, 05-026, 05-027, 05-028, 05-029, 05-030
Georgia	07-004, 07-021
Illinois	09-033
Louisiana	11-026, 11-053, 11-056
Maryland	13-002, 13-032, 13-035, 13-055
Massachusetts	14-013
Minnesota	16-002
Mississippi	17-004
New Hampshire	18-005, 18-010
New Jersey	19-020, 19-057, 19-058
New York	20-010, 20-013, 20-014, 20-020, 20-031, 20-033, 20-034, 20-040 20-056, 20-060
North Carolina	21-002
Oregon	23-003, 23-006, 23-015, 23-021, 23-031
Pennsylvania	24-012
Rhode Island	25-006
Texas	27-007
Virginia	28-015
Washington	29-028, 29-033
Guam	31-028
Puerto Rico	33-014
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GROUNDWATER

Delaware	05-010, 05-020
Georgia	07-003
Maine	12-007
Minnesota	16-003
New York	20-021
Oregon	23-002
South Carolina	26-003
Texas	27-011, 27-044

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Connecticut	04-002, 04-034
Florida	06-009
Georgia	07-002, 07-006
Hawaii	08-004, 08-005, 08-014, 08-020, 08-021
Illinois	09-002
Louisiana	11-057
Michigan	15-002
New Jersey	19-012, 19-013, 19-014, 19-021

GROWTH (continued)

Pennsylvania	24-004
Texas	27-004
Virginia	28-008
Guam	31-028
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Alabama	01-028
South Carolina	26-019

HYDROLOGY

Illinois	09-037
Maryland	13-040, 13-059
North Carolina	21-030, 21-047
Wisconsin	30-035
Guam	31-032

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Alabama	01-029
Alaska	02-001, 02-015, 02-019, 02-020, 02-021, 02-058, 02-060, 02-089
California	03-005, 03-013, 03-057
Delaware	05-005
Hawaii	08-008
Illinois	09-022
Louisiana	11-004, 11-024, 11-031, 11-048, 11-051
Maine	12-012, 12-015, 12-021
Maryland	13-031, 13-046
Mississippi	17-001
New Hampshire	18-009
Oregon	23-017, 23-032
Pennsylvania	24-004, 24-014, 24-040
Rhode Island	25-016, 25-023, 25-025
Virginia	28-028
Washington	29-043
Wisconsin	30-017, 30-018, 30-025, 30-033, 30-034
Guam	31-009, 31-027, 31-031
Puerto Rico	33-031
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Alabama	01-020, 01-021
Alaska	02-031, 02-037
Connecticut	04-025
Delaware	05-001
Georgia	07-009, 07-012, 07-015
Hawaii	08-018
Illinois	09-026, 09-030, 09-033, 09-041
Indiana	10-002
Louisiana	11-055
Maine	12-015, 12-021, 12-041
Maryland	13-017, 13-053
New Hampshire	18-008
New Jersey	19-002
New York	20-009, 20-010, 20-032
North Carolina	21-021, 21-023, 21-025
Pennsylvania	24-016
Rhode Island	25-011, 25-012
Texas	27-036, 27-047
Washington	29-005, 29-009, 29-039, 29-042
Guam	31-034
OCZM	36-014

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Alabama	01-002, 01-017, 01-018
Alaska	02-016, 02-074, 02-090
California	03-002, 03-005, 03-009, 03-011, 03-014, 03-021, 03-022, 03-035, 03-049
Connecticut	04-003, 04-014, 04-017, 04-026, 04-027, 04-029, 04-030, 04-032, 04-033
Delaware	05-027, 05-029, 05-033, 05-034
Florida	06-013, 06-014
Georgia	07-001, 07-004, 07-015, 07-021, 07-022
Hawaii	08-005, 08-018, 08-020, 08-022, 08-030
Illinois	09-002, 09-006, 09-009, 09-029, 09-039
Indiana	10-010, 10-011, 10-013, 10-014
Louisiana	11-001, 11-029, 11-047, 11-053
Maine	12-019, 12-021, 12-024, 12-026, 12-035
Maryland	13-016, 13-023, 13-028, 13-032, 13-035, 13-039, 13-051
Massachusetts	14-004, 14-006, 14-009, 14-011
Michigan	15-005, 15-011, 15-026, 15-030, 15-034
Minnesota	16-003
Mississippi	17-004, 17-008, 17-013, 17-026
New Hampshire	18-001, 18-005
New Jersey	19-001, 19-003, 19-004, 19-005, 19-006, 19-007, 19-008, 19-009, 19-010, 19-011, 19-021, 19-029, 19-056
New York	20-001, 20-002, 20-018, 20-023, 20-029, 20-030, 20-035, 20-046

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North Carolina	21-021, 21-028, 21-033, 21-034, 21-049
Ohio	22-001, 22-004, 22-010, 22-012, 22-013
Oregon	23-008, 23-009, 23-010, 23-012, 23-013
Pennsylvania	24-008, 24-011, 24-013, 24-014, 23-016, 24-020, 24-042, 24-044
Rhode Island	25-004, 25-013, 25-028
South Carolina	26-003
Texas	27-001, 27-003, 27-004, 27-005, 27-017
Virginia	28-008
Washington	29-017, 29-025
Wisconsin	30-001, 30-004, 30-012, 30-019, 30-025, 30-026, 30-028, 30-031 30-032, 30-038
Guam	31-013, 31-030
Northern Marianas	32-002
Puerto Rico	33-014
Virgin Islands	35-006
OCZM	36-002, 36-008, 36-011, 36-042, 36-047

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Alabama	01-015, 01-022, 01-023
Alaska	02-007, 02-010, 02-012, 02-014, 02-016, 02-023, 02-025, 02-030 02-031, 02-032, 02-033, 02-035, 02-039, 02-040, 02-059, 02-073 02-075, 02-078, 02-079, 02-081, 02-084, 02-085
California	03-003, 03-011, 03-019, 03-029
Connecticut	04-007, 04-011, 04-013, 04-015, 04-016, 04-020, 04-033
Delaware	05-008, 05-011, 05-022, 05-024, 05-033
Florida	06-013
Georgia	07-001, 07-006, 07-007, 07-013, 07-017
Hawaii	08-005, 08-011, 08-014, 08-020, 08-023, 08-029, 08-045
Illinois	09-002, 09-004, 09-016, 09-021, 09-035
Indiana	10-007, 10-009
Louisiana	11-003, 11-004, 11-009, 11-019, 11-023, 11-027, 11-029, 11-033, 11-038, 11-053
Maine	12-002, 12-003, 12-007, 12-008, 12-009, 12-016, 12-017, 12-020, 12-022, 12-024, 12-029
Maryland	13-018, 13-020, 13-022, 13-028, 13-030, 13-033, 13-040, 13-043, 13-048, 13-057
Massachusetts	14-003, 14-007
Michigan	15-002, 15-015, 15-024, 15-033, 15-036
Minnesota	16-003, 16-006, 16-007
Mississippi	17-008, 17-009, 17-013, 17-026
New Hampshire	18-001, 18-003, 18-004, 18-005, 18-010
New Jersey	19-003, 19-004, 19-006, 19-007, 19-008, 19-010, 19-011, 19-013, 19-017, 19-021, 19-024
New York	20-014, 20-015, 20-024, 20-033, 20-048
North Carolina	21-009, 21-010, 21-013, 21-017, 21-018, 21-020, 21-028, 21-032, 21-044, 21-045, 21-055

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Ohio	22-005
Oregon	23-007
Pennsylvania	24-004, 24-010, 24-022, 24-023, 24-030, 24-040, 24-044, 24-047
Rhode Island	25-002, 25-004, 25-007, 25-008, 25-009, 25-013, 25-018
Texas	27-006, 27-053
Virginia	28-001, 28-008, 28-014, 28-023, 28-027, 28-030
Washington	29-002, 29-004, 29-005, 29-007, 29-008, 29-016, 29-017, 29-023, 29-026, 29-028
Wisconsin	30-003, 30-007, 30-015, 30-034, 30-038, 30-043
Guam	31-001, 31-003, 31-005, 31-011, 31-023, 31-025, 31-028, 31-033, 31-034
Northern Marianas	32-002
Puerto Rico	33-019, 33-022, 33-024
American Samoa	34-001, 34-003
Virgin Islands	35-002, 35-008
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Alabama	01-018
Alaska	02-010, 20-014, 20-024, 20-029, 20-046, 02-081
California	03-014, 03-053
Connecticut	04-003, 04-004, 04-005, 04-006, 04-011, 04-014, 04-018, 04-021, 04-028, 04-035
Delaware	05-001, 05-012, 05-034
Florida	06-002, 06-006
Georgia	07-001, 07-002, 07-006, 07-019
Hawaii	08-014, 08-020, 08-021, 08-030, 08-031, 08-042
Illinois	09-002, 09-019
Indiana	10-013, 10-014
Louisiana	11-008, 11-027, 11-037, 11-050
Maryland	13-022, 13-030
Massachusetts	14-008
Michigan	15-005, 15-010
Mississippi	17-003, 17-029
New Hampshire	18-004
New Jersey	19-017, 19-056
New York	20-014, 20-038, 20-046, 28-047, 20-056, 20-060
Ohio	22-003
Oregon	23-004, 23-005, 23-017
Pennsylvania	24-034
Rhode Island	25-001, 25-012, 25-013
South Carolina	26-010
Texas	27-002, 27-014, 27-043, 27-050, 27-052
Virginia	28-001, 28-004, 28-005, 28-031

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Washington	29-015, 29-017, 29-020, 29-025, 29-026, 29-027
Wisconsin	30-002
Guam	31-001, 31-003, 31-009, 31-020, 31-024, 31-030
Puerto Rico	33-003, 33-006, 33-038, 33-039
Virgin Islands	35-003, 35-006
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Alaska	02-073
Delaware	05-034
Hawaii	08-035, 08-037, 08-038, 08-039, 08-042
Louisiana	11-037, 11-055
Maine	12-034
Maryland	13-044
Massachusetts	14-013
Pennsylvania	24-022, 24-023, 24-031, 24-034
Rhode Island	25-020, 25-028
Texas	27-050, 27-051
Washington	29-020, 29-024
Puerto Rico	33-006, 33-031

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Alabama	01-009
Alaska	02-005, 02-027, 02-046, 07-048, 07-050
Georgia	07-001
Hawaii	08-010
Maine	12-007, 12-010, 12-027, 12-036
New York	20-023
Guam	31-009, 31-012, 31-015, 31-016, 31-017, 31-019, 31-035
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Alaska	02-006, 02-035, 02-043, 02-044, 02-055, 02-062, 02-078, 02-084, 02-091, 02-093
Delaware	05-008
Georgia	07-008, 07-009, 07-014, 07-025
Hawaii	08-007, 08-018, 08-045
Indiana	10-002
Louisiana	11-012

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Maine	12-007, 12-013, 12-023
Maryland	13-007, 13-008, 13-009, 13-010, 13-011, 13-012, 13-013, 13-014, 13-017, 13-027, 13-033, 13-051, 13-055
Massachusetts	14-011
Minnesota	16-004, 16-007
New Jersey	19-015
New York	20-050
North Carolina	21-007, 21-024, 21-053
Pennsylvania	24-005
South Carolina	26-004, 26-010
Texas	27-044, 27-053
Virginia	28-026
Washington	29-004, 29-007, 29-031, 29-035, 29-037, 29-039, 29-040
Guam	31-012
Northern Marianas	32-001
American Samoa	34-002
OCZM	36-006, 36-009, 36-016, 36-046

MARINAS

Alaska	02-002
California	03-005
Illinois	09-034, 09-038, 09-039
Indiana	10-018
Maine	12-032
Maryland	13-004, 13-020, 13-037, 13-050
Michigan	15-009, 15-015, 15-022
Mississippi	17-010, 17-011, 17-018
New Jersey	19-014
North Carolina	21-012
Oregon	23-017
Pennsylvania	24-024, 24-041, 24-045
Wisconsin	30-017, 30-032, 30-034, 30-037
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Alabama	01-003, 01-006, 01-012
Alaska	02-009, 02-012, 02-043, 02-044, 02-049, 02-087
Delaware	05-014
Georgia	07-003
Hawaii	08-010
Illinois	09-020

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Louisiana	11-010, 11-013, 11-014, 11-016
Maine	12-007, 12-036
Massachusetts	14-001
New Jersey	19-037
Oregon	23-001
Pennsylvania	24-009
Rhode Island	25-017
Virginia	28-002, 28-007, 28-009, 28-010, 28-011, 28-013, 28-017, 28-019
Washington	29-011
Guam	31-015, 31-016, 31-017, 31-019, 31-026, 31-035
Puerto Rico	33-013, 33-015, 33-019, 33-026, 33-029, 33-032
Virgin Islands	35-005

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Alaska	02-006, 02-047
California	03-005
Louisiana	11-020, 11-025
Mississippi	17-001
New Jersey	19-008
Puerto Rico	33-002
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Alaska	02-076
Connecticut	04-008
Delaware	05-025
Mississippi	17-008
New Jersey	19-047
Virginia	28-014
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Alaska	02-019
Connecticut	04-034
Michigan	15-003
Washington	29-006, 29-015

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Alabama	01-028
Alaska	02-012, 02-022, 02-052, 02-064
California	03-004, 03-009, 03-016, 03-020, 03-037, 03-038, 03-039, 03-040, 03-050
Delaware	05-006
Georgia	07-016
Hawaii	08-012, 08-022
Illinois	09-018
Maine	12-024, 12-026
Maryland	13-010, 13-055
Massachusetts	14-004
Michigan	15-027
New York	20-062
North Carolina	21-002, 21-003, 21-019, 21-020, 21-024, 21-026, 21-027
Ohio	22-013
Oregon	23-002, 23-004, 23-022
Pennsylvania	24-002, 24-029
Texas	27-018
Wisconsin	30-009, 30-023, 30-028, 30-031
Guam	31-008
Puerto Rico	33-019, 33-021, 33-022, 33-023, 33-024
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California	03-017, 03-044
Georgia	07-001
Louisiana	11-025, 11-030, 11-041
Mississippi	17-001
New Hampshire	18-012
North Carolina	21-022
Texas	27-020, 27-027, 27-043
Wisconsin	30-044, 30-045

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Alaska	02-003, 02-008, 02-018, 02-019, 02-020, 02-021, 02-033, 02-047, 02-053, 02-054, 02-055, 02-058, 02-060, 02-070, 02-083
California	03-013, 03-026, 03-044, 03-057
Connecticut	04-012
Florida	06-009, 06-012
Georgia	07-015, 07-023
Indiana	10-020
Louisiana	11-022, 11-024, 11-025, 11-026, 11-039, 11-042

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Mississippi	17-007, 17-023, 17-024
New Jersey	19-032, 19-033, 19-034, 19-036, 19-038, 19-039, 19-041, 19-043, 19-045, 19-046, 19-047, 19-049
New York	20-001, 20-002, 20-003, 20-004, 20-005, 20-006, 20-012, 20-022, 20-023, 20-024, 20-025, 20-026, 20-035, 20-037, 20-038, 20-040, 20-046, 20-047, 20-049, 20-052, 20-053, 20-054, 20-055, 20-059
Oregon	23-004, 24-014, 23-017, 23-018
Pennsylvania	24-013
Rhode Island	25-001, 25-021, 25-023, 25-027
Texas	27-008, 27-009, 27-010, 27-011, 27-012, 27-016, 27-023, 27-024, 27-025, 27-026
Virginia	28-008, 28-012, 28-024, 28-026
Washington	29-024
OCZM	36-005, 36-028, 36-029, 36-035, 36-042

OIL AND GAS

Alaska	02-059, 02-070
California	03-028, 03-041, 03-047
Florida	06-011
Georgia	07-015
Mississippi	17-023, 17-027
New York	20-063
North Carolina	21-035, 21-036, 21-037
Washington	29-029

OIL POLLUTION/EFFECTS

Alaska	02-061
California	03-017, 03-028, 03-041, 03-043
Delaware	05-017
Florida	06-011
Maryland	13-060
Massachusetts	14-006
New York	20-001, 20-002, 20-003, 20-004, 20-006, 20-012, 20-023, 20-025, 20-039, 20-040, 20-043, 20-064, 20-065, 20-066, 20-069, 20-070
Oregon	23-017, 23-028
Washington	29-022
OCZM	36-005

OIL SPILL PREVENTION

California	03-017, 03-043
New York	20-064, 20-065, 20-066, 20-069, 20-070
Oregon	23-028
Rhode Island	25-019
Virgin Islands	35-007

OPEN SPACE

Alaska	02-082
California	03-003
Maine	12-029
North Carolina	21-043
Pennsylvania	24-009
South Carolina	26-015
Guam	31-010

PERMISSIBLE USES

Alabama	01-012
Alaska	02-010, 02-018, 02-019
California	03-035, 03-046
Connecticut	04-021, 04-031, 04-033
Delaware	05-021, 05-022, 05-024, 05-034
Indiana	10-009, 10-013
Louisiana	11-050, 11-051, 11-054
Maine	12-028
Maryland	13-002
Massachusetts	14-010
Michigan	15-004, 15-010
Mississippi	17-002, 17-009, 17-013, 17-026
New Hampshire	18-001, 18-005, 18-006, 18-007
New Jersey	19-020, 19-026, 19-043
New York	20-035, 20-045
North Carolina	21-028, 21-034, 21-049
Oregon	23-003, 23-005, 23-025
Rhode Island	25-006, 25-007, 25-013
Washington	29-015, 29-033, 29-035
Guam	31-006, 31-021
Northern Marianas	32-002
American Samoa	34-001
OCZM	36-003

PERMITS/PERMITTING

Alabama	01-022, 01-030
Alaska	02-014, 02-022, 02-046, 02-063
California	03-035, 03-046, 03-047, 03-055
Connecticut	04-002, 04-006
Georgia	07-006
Hawaii	08-027, 08-028, 08-036, 08-037, 08-039
Illinois	09-002, 09-013
Louisiana	11-028, 11-050, 11-051, 11-055
Maine	12-034
Maryland	13-003, 13-005, 13-052
Michigan	15-004, 15-025, 15-037
New Hampshire	18-004
New Jersey	19-014, 19-026, 19-057
New York	20-045
North Carolina	21-026, 21-034, 21-038
Pennsylvania	24-031
South Carolina	26-010, 26-017
Texas	27-013, 27-014, 27-035, 27-048
Virginia	28-023, 28-027, 28-029
Washington	29-012, 29-042
Wisconsin	30-044
Puerto Rico	33-031
OCZM	36-047

PETROLEUM INDUSTRY

Alabama	01-004
Alaska	02-003, 02-008, 02-015, 02-017, 02-018, 02-020, 02-021, 02-033 02-042, 02-047, 02-053, 02-056, 02-060, 02-061
California	03-013, 03-026, 03-043
Georgia	07-019
Louisiana	11-009, 11-020, 11-022, 11-024, 11-025, 11-048, 11-049
Massachusetts	14-006, 14-007
Mississippi	17-007
New Jersey	19-016, 19-028, 19-030, 19-033, 19-034, 19-036, 19-038, 19-040, 19-041, 19-043
New York	20-001, 20-003, 20-005, 20-006, 20-011, 20-012, 20-047, 20-055, 20-063
North Carolina	21-029
Oregon	23-014, 23-017, 23-029
Texas	27-009, 27-010, 27-011, 27-012, 27-016, 27-023, 27-024, 27-025, 27-026, 27-035
Virginia	28-025, 28-026
OCZM	36-005

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Alabama	01-002, 01-017, 01-018, 01-022, 01-028
Alaska	02-010, 02-014, 02-019, 02-023, 02-026, 02-029, 02-031, 02-032, 02-035, 02-036, 02-037, 02-041, 02-059, 02-065, 02-068, 02-069, 02-074, 02-076, 02-079, 02-080, 02-081, 02-087, 02-090, 02-092
California	03-002, 03-007, 03-011, 03-012, 03-019, 03-021, 03-029, 03-032, 03-046, 03-047, 03-048, 03-058, 03-059
Connecticut	04-001, 04-002, 04-003, 04-004, 04-006, 04-009, 04-018, 04-022, 04-029, 04-030, 04-031, 04-032
Delaware	05-001, 05-012, 05-016, 05-030, 05-033
Florida	06-001, 06-003, 06-004, 06-006, 06-008, 06-009, 06-013
Georgia	07-002, 07-009, 07-014, 07-017, 07-021, 07-022, 07-024
Hawaii	08-001, 08-003, 08-004, 08-005, 08-006, 08-009, 08-011, 08-014, 08-016, 08-017, 08-018, 08-019, 08-020, 08-021, 08-022, 08-024, 08-025, 08-026, 08-029, 08-032
Illinois	09-001, 09-011, 09-013, 09-015, 09-016, 09-019, 09-032, 09-033, 09-036
Indiana	10-003, 10-011, 10-016, 10-022, 10-023
Louisiana	11-015, 11-023, 11-026, 11-029, 11-031, 11-032, 11-033, 11-036, 11-039, 11-042, 11-043, 11-045, 11-047, 11-048, 11-049
Maine	12-001, 12-008, 12-009, 12-011, 12-018, 12-024, 12-026, 12-028, 12-030, 12-032, 12-039
Maryland	13-002, 13-004, 13-005, 13-018, 13-021, 13-022, 13-023, 13-024, 13-025, 13-026, 13-027, 13-028, 13-030, 13-032, 13-034, 13-035, 13-039, 13-041, 13-044, 13-051
Massachusetts	14-001, 14-007, 14-008, 14-009, 14-010, 14-011
Michigan	15-001, 15-004, 15-012, 15-016, 15-025, 15-026, 15-028, 15-030, 15-036, 15-038, 15-039
Minnesota	16-003
Mississippi	17-001, 17-002, 17-003, 17-009, 17-012, 17-013, 17-024, 17-026, 17-027
New Hampshire	18-001, 18-002, 18-004, 18-010, 18-011, 18-013
New Jersey	19-013, 19-020, 19-021, 19-022, 19-023, 19-024, 19-029, 19-033, 19-041, 19-042, 19-043, 19-045, 19-046, 19-049, 19-053, 19-054, 19-055, 19-057
New York	20-013, 20-029, 20-044, 20-045, 20-049, 20-052, 20-067
North Carolina	21-002, 21-004, 21-005, 21-006, 21-008, 21-009, 21-014, 21-016 21-017, 21-018, 21-019, 21-028, 21-029, 21-034, 29-047, 29-051, 21-052, 21-053
Ohio	22-002, 22-003, 22-011, 22-017, 22-019
Oregon	23-004, 23-006, 23-007, 23-008, 23-009, 23-010, 23-011, 23-012, 23-013, 23-018, 23-019, 23-021, 23-022, 23-026, 23-027, 23-030, 23-031
Pennsylvania	24-004, 24-011, 24-012, 24-015, 24-020, 24-027, 24-029, 24-030, 24-035, 24-038, 24-043

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Rhode Island	25-002, 25-006, 25-007, 25-009, 25-010, 25-014, 25-018, 25-022, 25-024, 25-025, 25-027
South Carolina	26-002, 26-009, 26-011, 26-013, 26-015, 26-018, 26-020
Texas	27-004, 27-005, 27-017, 27-048, 27-050, 27-051, 27-053
Virginia	28-001, 28-003, 28-022, 28-023, 28-024, 28-027, 27-029
Washington	29-001, 29-006, 29-008, 29-012, 29-013, 29-015, 29-016, 29-017, 29-019, 29-033, 29-035, 29-037, 29-041, 29-044
Wisconsin	30-028, 30-031 30-032, 30-036, 30-038, 30-043, 30-048
Guam	31-002, 31-021, 31-023, 31-025, 31-027, 31-028, 31-031, 31-034
Northern Marianas	32-004, 32-005
Puerto Rico	33-003, 33-008, 33-014, 33-017, 33-018, 33-020, 33-021, 33-022, 33-024, 33-026, 33-027
American Samoa	34-001
Virgin Islands	35-001, 35-003, 35-005, 35-006
OCZM	36-001, 36-002, 36-003, 36-003, 36-004, 36-007, 36-008, 36-009, 36-010, 36-015, 36-017, 36-018, 36-022, 36-023, 36-025, 36-027 36-036, 36-037, 36-043, 36-044, 36-048, 36-049

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California	03-047
Delaware	05-035
Florida	06-014
Hawaii	08-036
Maryland	13-036
South Carolina	26-017
Wisconsin	30-044
Guam	31-028
Puerto Rico	33-023
OCZM	36-049

POLLUTION

Alabama	01-006
California	03-005
Delaware	05-007
Georgia	07-015
Hawaii	08-009
Louisiana	11-036
Maryland	13-015, 13-045
Massachusetts	14-018
New Jersey	19-013, 19-016

POLLUTION (continued)

North Carolina	21-030
Ohio	22-012
Texas	27-020
Wisconsin	30-012
Puerto Rico	33-007
OCZM	36-043

POPULATION

Alaska	02-004, 02-040, 02-042, 02-054, 02-055, 02-058, 02-060
Connecticut	04-034
Delaware	05-002, 05-023
Indiana	10-004, 10-014
Louisiana	11-004, 11-009, 11-030, 11-042, 11-044, 11-057, 11-058
Maine	12-020
New Jersey	19-004, 19-006, 19-007, 19-008, 19-009, 19-010, 19-011, 19-013, 19-040
North Carolina	21-035
Puerto Rico	33-005

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Alabama	02-029
Alaska	02-002, 02-003, 02-017, 02-089
California	03-017, 03-024 , 03-045
Delaware	05-031, 05-035
Georgia	06-005
Indiana	10-019
Louisiana	11-058
Maine	12-007, 12-021, 12-032, 12-037
Maryland	13-046
Massachusetts	14-014
Michigan	15-013, 15-019
Mississippi	17-012
New Hampshire	18-012
New Jersey	19-055
North Carolina	21-031, 21-036, 31-050, 31-051
Ohio	22-010, 22-014
Oregon	23-032
Pennsylvania	24-021, 24-028, 24-044
Rhode Island	25-008, 25-016, 25-021, 25-023, 25-026
South Carolina	26-015

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Texas	27-009, 27-020, 27-021, 27-027,
Virginia	28-008, 28-014
Wisconsin	30-001, 30-002, 30-018 30-033, 30-045, 33-046
Guam	31-031
OCZM	36-021, 36-029, 36-044, 36-045, 36-048

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Alabama	01-001, 01-014, 01-017, 01-018
Alaska	02-010, 02-030, 02-034, 02-069, 02-073, 02-074, 02-081
California	03-002, 03-011, 03-035, 03-047, 03-052, 03-053, 03-055
Connecticut	04-001, 04-006, 04-022, 04-031, 04-032, 04-033
Delaware	05-001, 05-009, 05-030, 05-033
Florida	06-006, 06-013
Hawaii	08-014, 08-016, 08-019, 08-025, 08-026, 08-032, 08-040
Illinois	09-001, 09-005, 09-006, 09-010, 09-014, 09-019
Indiana	10-001, 10-005
Louisiana	11-026, 11-053
Maine	12-001, 12-018, 12-019, 12-035
Maryland	13-002, 13-030
Massachusetts	14-010, 14-012
Michigan	15-008, 15-036
Mississippi	17-004, 17-013
New Hampshire	18-001, 18-004, 18-013
New Jersey	19-020, 19-023, 19-048, 19-056
New York	20-010, 20-013, 20-017, 20-019, 20-034, 20-040, 20-041, 20-059
North Carolina	21-004, 21-023, 21-034, 21-052, 21-053
Ohio	22-001
Oregon	23-004, 23-006, 23-012, 23-018, 23-031
Pennsylvania	24-001, 24-008, 24-012, 24-015, 24-020, 24-029
Rhode Island	25-006, 25-007, 25-013
South Carolina	26-001, 26-009, 26-013
Texas	27-007, 27-017, 27-048
Virginia	28-016, 28-018, 28-029
Washington	29-015, 29-016, 29-017, 29-028, 29-044
Wisconsin	30-001, 30-026
Guam	31-021
Northern Marianas	32-002
Puerto Rico	33-001, 33-008, 33-014, 33-017, 33-020, 33-027
American Samoa	34-001
Virgin Islands	35-006
OCZM	36-002, 36-007, 36-010, 36-016, 36-026, 36-039, 36-040, 36-042, 36-043, 36-049

PROGRAM MONITORING/EVALUATION

California	03-052
South Carolina	26-016
Washington	29-024
Wisconsin	30-022
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PRESERVATION

Massachusetts	14-017, 14-019
OCZM	36-036, 36-045, 36-048

PUBLIC ACCESS

Alaska	02-082, 02-086, 02-094
California	03-014, 03-022, 03-034, 03-042, 03-051, 03-052, 03-054, 03-056, 03-058
Florida	06-013
Hawaii	08-032, 08-033
Illinois	09-029
Indiana	10-010, 10-016, 10-018, 10-019
Louisiana	11-045, 11-053
Maine	12-019, 12-030, 12-035
Maryland	13-034, 13-048
Michigan	15-014, 15-020, 15-022, 15-025, 15-026, 15-029, 15-030, 15-032 15-035, 15-040
Mississippi	17-013, 17-026
New Hampshire	18-001
New Jersey	19-003, 19-055, 19-056
North Carolina	21-028, 21-031, 21-034, 21-048
Oregon	23-008, 23-009, 23-010
Pennsylvania	24-017, 24-018, 24-019, 24-020, 24-024, 24-025, 24-028
Rhode Island	25-013, 25-015, 25-022
South Carolina	26-007, 26-015
Texas	27-028
Virginia	28-029
Washington	29-019, 29-025, 29-026, 29-028
Wisconsin	30-012, 30-019, 30-034, 30-039, 30-046
Guam	31-013
Northern Marianas	32-002
Puerto Rico	33-003, 33-020, 33-039
OCZM	36-013, 36-035, 36-036, 36-040

PUBLIC PARTICIPATION

Alabama	01-001, 01-007, 01-014
Alaska	02-041, 02-055, 02-056, 02-057, 02-058
California	03-042, 03-051
Connecticut	04-013, 04-014, 04-029, 04-032
Delaware	05-001, 05-009, 05-018, 05-025, 05-026
Florida	06-006
Georgia	07-004, 07-005, 07-010, 07-019, 07-021
Hawaii	08-016, 08-019, 08-025
Illinois	09-005, 09-006, 09-008, 09-010, 09-014, 09-016, 09-017, 09-024, 09-025, 09-028
Indiana	10-001, 10-005, 10-006
Louisiana	11-001, 11-019, 11-023, 11-032, 11-042
Maine	12-001
Maryland	13-002, 13-018, 13-021, 13-025, 13-028, 13-030
Massachusetts	14-003, 14-009, 14-010, 14-011, 14-012
Michigan	15-039
Mississippi	17-003, 17-004, 17-005, 17-006, 17-028, 17-030, 17-031
New Hampshire	18-004, 18-008, 18-010, 18-014
New Jersey	19-025, 19-035
New York	20-007, 20-009, 20-010, 20-013, 20-014, 20-019, 20-026, 20-031, 20-032, 20-037, 20-041, 20-058
North Carolina	21-001, 21-028, 21-034, 21-053
Ohio	22-001
Oregon	23-015
Pennsylvania	24-006, 24-008, 24-042
Rhode Island	25-007, 25-012
South Carolina	26-001, 26-006, 26-009, 26-014
Texas	27-001, 27-003, 27-004, 27-007, 27-017
Virginia	28-012, 28-015, 28-016, 28-018, 28-029
Washington	29-015
Wisconsin	30-001, 30-021, 30-022, 30-023, 30-026, 30-029, 30-038
Guam	31-021, 31-025
Virgin Islands	35-004, 35-006
OCZM	36-002, 36-003, 36-008, 36-019, 36-023, 36-025, 36-034, 36-037

RECREATION/TOURISM

Alaska	02-001, 02-004, 02-013, 02-023, 02-035, 02-045, 02-049, 02-064 02-065, 02-066, 02-071, 02-082, 02-094
California	03-001, 03-002, 03-034, 03-042, 03-051, 03-052, 03-054, 03-056
Connecticut	04-026
Delaware	05-031, 05-035
Florida	06-012
Georgia	07-001, 07-005, 07-020
Hawaii	08-001, 08-009, 08-022

RECREATION/TOURISM (continued)

Illinois	09-022, 09-029, 09-034, 09-038, 09-039
Indiana	10-010, 10-016, 10-017, 10-018, 10-019
Louisiana	11-030, 11-043, 11-045
Maine	12-002, 12-007, 12-016, 12-017, 12-020, 12-029, 12-030
Maryland	13-004, 13-020, 13-029, 13-034, 13-037, 13-048, 13-050
Michigan	15-013, 15-014, 15-015, 15-016, 15-017, 15-018, 15-021, 15-023, 15-030, 15-031, 15-035, 15-040
Minnesota	16-006
Mississippi	17-001, 17-012, 17-029
New Hampshire	18-001
New Jersey	19-003, 19-009, 19-013, 19-027, 19-036, 19-055
New York	20-014, 20-019, 20-020, 20-048, 20-053, 20-059, 20-067
North Carolina	21-012, 21-015, 21-028, 21-031, 21-034, 21-035
Ohio	22-006, 22-016, 22-017
Oregon	23-004, 23-020, 23-025
Pennsylvania	24-011, 24-017, 24-018, 24-019, 24-024, 24-025, 24-026, 24-027 24-028, 24-032, 24-033, 24-036, 24-041, 24-045
Rhode Island	25-012, 25-015
South Carolina	26-007, 26-015
Texas	27-026, 27-028
Washington	29-032, 29-043
Wisconsin	30-004, 30-010, 30-011, 30-013, 30-014, 30-015, 30-017, 30-021 30-027, 30-042, 30-043, 30-046, 30-048, 30-049
Guam	31-006
Northern Marianas	32-005
OCZM	36-013, 36-040

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Alaska	02-016, 02-033
California	03-022, 03-023, 03-033
Connecticut	04-008, 04-012, 04-013
Delaware	05-033
Florida	06-008, 06-013
Illinois	09-021
Indiana	10-007
Louisiana	11-022, 11-024
Maine	12-009
Maryland	13-025, 13-032, 13-039
Mississippi	17-008
New Jersey	19-034
New York	20-002, 20-005, 20-024, 20-025, 20-054
North Carolina	21-035, 21-047
Ohio	22-005, 22-010, 22-013, 22-018
Oregon	23-011
Pennsylvania	24-014
Rhode Island	25-010, 25-014

REGIONAL IMPACT (continued)

South Carolina	26-012
Texas	27-010, 27-011, 27-012, 27-016, 27-022, 27-023, 27-026, 27-039, 27-041
Virginia	28-001
Guam	31-011
Puerto Rico	33-022, 33-024
American Samoa	34-003
OCZM	36-027, 36-028, 36-030, 36-041

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Alabama	01-005, 01-010
Delaware	05-008
Hawaii	08-018, 08-024, 08-045
Indiana	10-002
South Carolina	26-004
Wisconsin	30-008

RESOURCE PROTECTION

Alaska	02-088
California	03-008, 03-029, 03-031, 03-049
Illinois	09-040
Maine	12-035
Maryland	13-059
Massachusetts	14-014
New Jersey	19-054, 19-058
North Carolina	21-047
Oregon	23-025, 23-028
Pennsylvania	24-038
Rhode Island	25-024
South Carolina	26-018, 26-020
Washington	29-010, 29-018
Wisconsin	30-039
Puerto Rico	33-025

SHIPPING

Alaska	02-003, 02-033
California	03-017, 03-024, 03-045
Georgia	07-001

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Maryland	13-054
New York	20-051
Ohio	22-010
Oregon	23-017, 23-032
Texas	27-027
Washington	29-036
Wisconsin	30-002, 30-018
Guam	31-031
OCZM	36-029, 36-042

SOCIOECONOMICS

Alabama	01-023, 01-029
Alaska	02-004, 02-008, 02-015, 02-017, 02-025, 02-054, 02-058, 02-074, 02-080, 02-082, 02-092
California	03-025
Connecticut	04-012, 04-024
Delaware	05-002, 05-023
Florida	06-004, 06-008, 06-009
Hawaii	08-004
Indiana	10-004, 10-014
Louisiana	11-004, 11-024, 11-025, 11-042, 11-044, 11-056, 11-057, 11-058
Maine	12-001, 12-002, 12-013, 12-020, 12-029
Maryland	13-016, 13-025, 13-027, 13-038, 13-043
Mississippi	17-007, 17-009, 17-015
New Hampshire	18-001
New York	20-005, 20-034, 20-053, 20-055
Oregon	23-014
Pennsylvania	24-004, 24-005, 24-007, 24-010, 24-037, 24-045
Rhode Island	25-009, 25-021, 25-023
Texas	27-002, 27-012, 27-015, 27-016, 27-026, 27-029, 27-033, 27-040, 27-041, 27-046
Virginia	28-004, 28-023, 28-027
Washington	29-029, 29-030, 29-038
Wisconsin	30-032, 30-033, 30-037, 30-045
Guam	31-022, 31-024, 31-033, 31-034
Puerto Rico	33-012, 33-036
OCZM	36-005, 36-030

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California	03-053, 03-054

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Maryland	13-052
Michigan	15-012
Mississippi	17-022
North Carolina	21-047
South Carolina	26-018, 26-020
Puerto Rico	33-030, 33-033

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Alabama	01-008, 01-016
Alaska	02-008, 02-042, 02-056, 02-058, 02-063, 02-067, 02-076
California	03-015, 03-018, 03-021, 03-023, 03-026, 03-032, 03-033, 03-041, 03-046, 03-047, 03-048, 03-059
Connecticut	04-002, 04-003, 04-010, 04-013, 04-014, 04-015, 04-016, 04-018, 04-021, 04-023, 04-024, 04-027, 04-030, 04-031
Delaware	05-021, 05-028
Florida	06-001, 06-003
Hawaii	08-005, 08-019, 08-027, 08-028, 08-032, 08-033, 08-035
Illinois	09-012, 09-019, 09-025
Indiana	10-003
Louisiana	11-007, 11-026, 11-027, 11-039, 11-050
Maine	12-034
Maryland	13-001, 13-021, 13-022, 13-025, 13-028, 13-030, 13-034, 13-054
New Hampshire	18-001, 18-004
New York	20-013, 20-014, 20-015, 20-017, 20-018, 20-019, 20-028, 20-032, 20-052, 20-054, 20-058, 20-060
Ohio	22-003
Oregon	23-007, 23-008, 23-018
Pennsylvania	24-001, 24-004, 24-013
Rhode Island	25-005, 25-007
South Carolina	26-010, 26-018, 26-020
Texas	27-004, 27-016, 27-023, 27-025, 27-026
Virginia	28-022, 28-023, 28-027, 28-029
Washington	29-001, 29-002, 29-006, 29-008, 29-015
Wisconsin	30-004, 30-007, 30-028, 30-031
Guam	31-005
Puerto Rico	33-003
American Samoa	34-003
OCZM	36-010, 36-026, 36-027, 36-027, 36-028, 36-035

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Alaska	02-001, 02-004, 02-046, 02-054, 02-055
Delaware	05-002

STATISTICS (continued)

Maine	12-013, 12-020, 12-025
New York	20-012
Wisconsin	30-013

SUBMERGED LANDS

Alabama	01-019, 01-024, 01-025
Alaska	02-022, 02-039, 02-046
Georgia	07-003
Maryland	13-052
Michigan	15-001, 15-007
New Jersey	19-015, 19-037, 19-051
Texas	27-052

TRANSPORTATION

Alabama	01-015, 01-029
Alaska	02-004, 02-033, 02-037, 02-051, 02-080, 02-094
California	03-002
Delaware	05-004
Hawaii	08-018
Illinois	09-022
Indiana	10-019, 10-020
Louisiana	11-023, 11-024, 11-025, 11-039
Maine	12-015, 12-020
Massachusetts	14-005
Mississippi	17-001, 17-023
New Hampshire	18-001
New Jersey	19-003, 19-009, 19-034, 19-040
New York	20-014
North Carolina	21-039, 21-055
Oregon	23-004
Pennsylvania	24-003, 24-004, 24-014, 24-044
Rhode Island	25-008
Texas	27-027, 27-040
Virginia	28-008, 28-014
Washington	29-030
OCZM	36-030

VEGETATION

Alabama	01-011, 01-027
Alaska	02-005, 02-043, 02-044, 02-062
California	03-025
Delaware	05-014
Georgia	07-003
Hawaii	08-017
Illinois	09-020, 09-027
Indiana	10-008
Louisiana	11-046
Maine	12-003, 12-010, 12-023, 12-031, 12-038
Maryland	13-045, 13-051
Massachusetts	14-001
Minnesota	16-007
New Jersey	19-018, 19-037
North Carolina	21-040, 21-041, 21-042, 21-043, 21-047
Ohio	22-006, 22-007
Oregon	23-001
Pennsylvania	24-010
Virginia	28-002, 28-007, 28-009, 28-010, 28-011, 28-013, 28-017, 28-019
Wisconsin	30-041
Guam	31-010, 31-014
Puerto Rico	33-026, 33-033

WATER DEVELOPMENT PROJECTS

Alaska	02-051
Louisiana	11-048, 11-058
New Jersey	19-032, 19-049, 19-053
New York	20-021, 20-042, 20-051
Oregon	23-020
South Carolina	26-018
Wisconsin	30-047
OCZM	36-045, 36-048

WATER POLLUTION

Alaska	02-051
Hawaii	08-015
Massachusetts	14-018
Mississippi	17-012
New York	20-021
North Carolina	21-033, 21-035

WATER POLLUTION (continued)

Ohio	22-005
Wisconsin	30-003
Guam	31-011, 31-017
Puerto Rico	33-019
Virgin Islands	35-007

WATER QUALITY

Alabama	01-015, 01-020
Alaska	02-051
California	03-005, 03-022
Delaware	05-007, 05-010
Florida	06-010, 06-011
Georgia	07-014
Hawaii	08-015
Illinois	09-021, 09-027
Louisiana	11-016, 11-049
Maryland	13-020, 13-056, 13-057, 13-059
Massachusetts	14-018
Michigan	15-034
New Jersey	19-016, 19-024
New York	20-019, 20-021, 20-042, 20-059, 20-071
North Carolina	21-045, 21-046
Ohio	22-005, 22-020
Pennsylvania	24-039
South Carolina	26-020
Texas	27-011, 27-019, 27-043
Virginia	28-030
Wisconsin	30-003, 30-050
Guam	31-011, 31-017
Puerto Rico	33-013, 33-032

WATER RESOURCES

Alabama	01-015
Alaska	02-035, 02-037, 02-049, 02-072, 02-090
California	03-030
Delaware	05-010, 05-020
Illinois	09-020, 09-042
Louisiana	11-035, 11-056
Maine	12-040
Maryland	13-039, 13-047, 13-056, 13-057, 13-058, 13-059
Massachusetts	14-017
Michigan	15-006

WATER RESOURCES (continued)

New Jersey	19-003, 19-024, 19-032
New York	20-021, 20-042
Ohio	22-005
Oregon	23-004
Texas	27-044
Virginia	28-006
Wisconsin	30-003, 30-005, 30-006, 30-047

WATERFRONT DEVELOPMENT

Mississippi	17-022
New York	20-067, 20-072
Ohio	22-015
Washington	29-025, 29-041, 29-043

WATERSHEDS

Maine	12-007
Maryland	13-015, 13-036, 13-051, 13-056, 13-057, 13-058, 13-059
North Carolina	21-002

WETLANDS

Alabama	01-005, 01-011, 01-012, 01-015, 01-020, 01-027
Alaska	02-005, 02-035, 02-068, 02-088, 02-090
California	03-001, 03-005, 03-029, 03-054
Connecticut	04-003, 04-018
Delaware	05-015, 05-017
Florida	06-003, 06-004, 06-005
Georgia	07-003, 07-011, 07-013, 07-025
Hawaii	08-018
Illinois	09-020
Indiana	10-009
Louisiana	11-003, 11-004, 11-007, 11-009, 11-015, 11-017, 11-026, 11-028, 11-029, 11-031, 11-036, 11-040, 11-041, 11-042, 11-044, 11-059
Maryland	13-010, 13-018, 13-036, 13-039, 13-043, 13-047, 13-051, 13-052, 13-060
Massachusetts	14-003, 14-013
Michigan	15-004, 15-038

WETLANDS (continued)

New Jersey	19-014, 19-015, 19-017, 19-022
North Carolina	21-002, 21-040, 21-041, 21-042, 21-043, 21-046, 21-047
Oregon	23-004, 23-021
Rhode Island	25-017
South Carolina	26-019, 26-020
Texas	27-053
Virginia	28-002, 28-005, 28-007, 28-009, 28-010, 28-011, 28-013, 28-017, 28-020, 28-021, 28-024, 28-026, 28-030
Washington	29-016, 29-017, 29-018, 29-021
Wisconsin	30-048, 30-049, 30-050
Guam	31-010
Puerto Rico	33-011, 33-013, 33-018, 33-028, 33-029, 33-032
OCZM	36-020

WILDLIFE

Alabama	01-003, 01-015
Alaska	02-006, 02-009, 02-013, 02-027, 02-043, 02-044, 02-048, 02-049, 02-050, 02-062
California	03-001, 03-005
Connecticut	04-025
Delaware	05-014
Georgia	07-003, 07-014
Illinois	09-020, 09-027
Indiana	10-008
Louisiana	11-014
Maine	12-004, 12-006, 12-007, 12-010, 12-014, 12-023, 12-041
New Jersey	19-019
New York	20-036, 20-059
North Carolina	21-040, 21-041, 21-043, 21-047
Ohio	22-006
Oregon	23-001, 23-004
South Carolina	26-008
Texas	27-043
Guam	31-018
Puerto Rico	33-028, 33-029, 33-033
OCZM	36-020

ZONING

Alaska	02-014, 02-035

ZONING (continued)

Connecticut	04-002
Georgia	07-006, 07-024
Illinois	09-002
Louisiana	11-029, 11-038
Maryland	13-033
Michigan	15-005, 15-012
New Jersey	19-040, 19-045
New York	20-013, 20-018
North Carolina	21-049
Ohio	22-003
Pennsylvania	24-004, 24-029, 24-044
Virginia	28-030
Washington	29-042
Wisconsin	30-007
Guam	31-001

APPENDIX C

STATUS OF STATE COASTAL ZONE MANAGEMENT PROGRAMS

State	Actual or Estimated Federal Approval Date By Fiscal Year (ends 9/30)	Comments and Status 3/1/83
Washington	1976	Approved
Oregon	1977	Approved
California	1978	Approved
Massachusetts	1978	Approved
Wisconsin	1978	Approved
Rhode Island	1978	Approved
Michigan	1978	Approved
North Carolina	1978	Approved
Puerto Rico	1978	Approved
Hawaii	1978	Approved
Maine	1978	Approved
Maryland	1978	Approved
New Jersey (Bay and Ocean Shore Segment)	1978	Approved
Virgin Islands	1979	Approved
Alaska	1979	Approved
Guam	1979	Approved
Delaware	1979	Approved
Alabama	1979	Approved
South Carolina	1979	Approved
Louisiana	1980	Approved
Mississippi	1980	Approved
Connecticut	1980	Approved
Pennsylvania	1980	Approved
New Jersey (Remaining Section)	1980	Approved
Northern Marianas	1980	Approved
American Samoa	1980	Approved
Florida	1981	Approved
New Hampshire (Ocean and Harbor Segment)	1982	Approved
New York	1982	Approved
Virginia	1983/84	Governor requested re-initiation of CZM Program in May 1982; OCZM determined State was making "satisfactory progress" in July 1982
Ohio	Non-participating	
Indiana	"	
Georgia	"	
Minnesota	"	
Illinois	"	
Texas	"	

APPENDIX D

Office of Ocean and Coastal Resource Management
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

STATE COASTAL ZONE MANAGEMENT PROGRAM MANAGERS
and
COASTAL ENERGY IMPACT PROGRAM MANAGERS

NORTH ATLANTIC REGION

CZM	CEIP
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Massachusetts	
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New Hampshire	
Dave Neville Office of State Planning 2 1/2 Beacon Street Concord, NH 03301	Mark Chittum Office of State Planning 2 1/2 Beacon Street Concord, NH 03301

CZM	CEIP
New Jersey	
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Texas	
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CZM	CEIP
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Minnesota	
Roger Williams Community Services Department of Energy, Planning and Development 100 Hanover Building 480 Cedar Street St. Paul, MN 55101	None

CZM	CEIP
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Wisconsin	
Allen H. Miller Bureau of Coastal Management Department of Administration 101 South Webster General Executive Facility 2 Madison, WI 53702	Allen H. Miller Bureau of Coastal Management Department of Administration 101 South Webster General Executive Facility 2 Madison, WI 53702
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American Samoa	
Tini Lam Yuen or Lewis Wolman Development Planning Office Government of American Samoa Pago Pago, American Samoa 96799	Joseph Pereira Development Planning Office Government of American Samoa Pago Pago, American Samoa 96799

CZM	CEIP
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☆U.S. GOVERNMENT PRINTING OFFICE: 1983-380-997-5043