Documents Related to Management of the Coastal Zone: An Annotated Bibliography (First Edition)

Beverly L. Laird  
*Virginia Institute of Marine Science*

William J. Hargis Jr.  
*Virginia Institute of Marine Science*

Rosemary Green  
*Virginia Institute of Marine Science*

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DOCUMENTS RELATED TO MANAGEMENT OF THE COASTAL ZONE: AN ANNOTATED BIBLIOGRAPHY (First Edition)

By

Beverly L. Laird
William J. Hargis, Jr.
Maurice

and

Rosemary Green

Special Report in Applied Marine Science and Ocean Engineering No. 23 of the Virginia Institute of Marine Science Gloucester Point, Virginia 23062

May 1972
DOCUMENTS RELATED TO MANAGEMENT

OF THE COASTAL ZONE:

AN ANNOTATED BIBLIOGRAPHY

(First Edition)

by

Beverly L. Laird
William J. Hargis, Jr.
Maurice P. Lynch
and
Rosemary Green

Special Report in Applied Marine Science
and Ocean Engineering No. 23
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Gloucester Point, Virginia 23062

William J. Hargis, Jr.
Director
May 1972
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INTRODUCTION

The coastal regions of the world have historically provided the major locus of man's interaction with the sea and the terminus of man's contact with other men from distant areas. As man's influence on his environment increases along with his growth in numbers, societal complexity, and technological advancement, it is only natural that the effects of this influence are strongly felt in coastal regions.

We have compiled an annotated bibliography of studies of management, economic, sociological, and legal problems of the coastal zone to assist coastal zone administrators, managers, and scientists in their efforts to insure that developments in this important region do not result in irreversible detrimental effects. Many of the studies listed in this bibliography are not readily available as part of the natural or social science literature, but contain much pertinent information. Surely many possible references have escaped our attention. Later editions should be more complete. We hope that persons aware of such materials will either forward copies to us or bring them to our attention for use in subsequent editions. We have not included non-management reports which deal solely with resources or environmental conditions of a given area, because access to
this information is possible from other sources. We have included, however, where available and known to us, compendia describing research in the coastal zone.

Many different attempts have been made to develop single, all-encompassing definitions of the Coastal Zone, but no clear-cut definition which is both mutually inclusive of all geographical, geological, or political differences and exclusive of the same factors which apply strictly to land areas or the high seas has arisen. For convenience, in developing this bibliography, we have used the deliberately broad definition employed by the Coastal Zone Task Force of the National Advisory Committee on Oceans and Atmosphere (NACOA) which placed the seaward boundary of the Coastal Zone at the 100 fathom contour, the inward water boundary as the upper limit of ocean tides, while the landward limit is the inward limit to which direct effects of adjacent land masses could be detected. Included are all wetlands, shorelines, shallows, other closely adjacent land masses, bottoms, waters, human and natural resources, and human and natural processes and activities contained in the area. The Great Lakes are encompassed along with the shorelines of the tidal rivers, lagoons, and estuaries, and the beaches, palisades, and promontories of the coasts of the open ocean.

We hope that this work will assist in development and operation of the emerging National Coastal Zone Management Program.
GUIDE TO USERS

Annotations to the bibliography entries are in the form of keywords. Two sets of keywords have been developed:

1) Geographical Keywords, indicating the location of the study. These keywords are followed by an asterisk (*).

2) Subject Keywords, indicating the topics discussed in each study.

Each set of keywords is alphabetically arranged in a separate index.

Access to a specific study is by means of a number indicating the numerical order of the study in the bibliographic list.
ANNOTATED BIBLIOGRAPHY


   Keywords: education, interagency relations, national coastal zone*, programs


   Keywords: conferences, conflicts, fisheries, legal aspects, maps, mining, needs, ownership, policy


   Keywords: conferences, conflicts, fisheries, international coasts*, jurisdiction, legal aspects, mining, navigation, technology


   Keywords: boundaries, conferences, defense, fisheries, jurisdiction, legal aspects, national coastal zone*, political aspects, public use

Keywords: Atlantic Coast*, citizen participation, commercial use, conferences, estuaries, inventory, multiple use, planning, preservation, recreation, transportation


Keywords: agriculture, commercial fisheries, fisheries, land use, Texas*


Keywords: development, economic aspects, national coastal zone*


Keywords: boundaries, legal aspects, national coastal zone*, offshore ocean


Keywords: islands, New York*, planning, protection, research


Keywords: Chesapeake Bay*, Maryland*, planning, research, Virginia*

   Keywords: conflicts, cooperation, international coasts*, legal aspects, national coastal zone*, policy


   Keywords: economic aspects, land use, Puget Sound*, resource use, Washington*, water resources


   Keywords: boundaries, legal aspects, Virginia*


   Keywords: development, Eastern Shore*, Virginia*


   Keywords: historical aspects, legal aspects, national coastal zone*, planning, power plants, preservation, programs, regulations, research, wetlands

Keywords: bays, biological aspects, Chesapeake Bay*, commercial fisheries, coordination, demands, disposal, estuaries, legal aspects, Maryland*, multiple use, planning, pollution (thermal), power plants, recreation, regulation, research, resource use, Virginia*


Keywords: California*, conflicts, conservation, goals, multiple use, national coastal zone*, needs, planning, sociological aspects, technology, transportation


Keywords: assessment, legislation, protection, Virginia*, wetlands


Keywords: costs, economic aspects, national coastal zone*, ownership, public policy, research, sociological aspects


Keywords: assessments, biological aspects, commercial uses, conservation, development, economic aspects, geological aspects, historical aspects, islands, land use, needs, ownership, planning, pollution,
20. (cont'd) preservation, recreation, resource use, shorelines, transportation, Virginia*, wildlife


Keywords: compacts, coordination, legislation, planning


Keywords: estuaries, legislation, national coastal zone*, policy, resource use


Keywords: conflicts, education, estuaries, fisheries, industrial operations, multiple use, recreation, research, resource use, technology


Keywords: conflicts, estuaries, legal aspects, national coastal zone*, protection


Keywords: decision-making, jurisdiction, legal aspects, national coastal zone*, planning

Keywords: commercial fisheries, Eastern Shore*, historical aspects, recreation, sport fisheries, Virginia*


Keywords: California*, conservation, decision-making, development, education, facilities, geological aspects, inventory, legislation, mining, navigation, planning, programs, quality standards, recreation, research, resource use, water resources


Keywords: bays, conservation, decision-making, development, economic aspects, national coastal zone*, needs, planning, projects, recreation, resource use


Keywords: conferences, goals, legal aspects, legislation, national coastal zone*, planning, resource use

Keywords: bays, California*, development, economic aspects, facilities, planning, pollution, projects, transportation


Keywords: biological aspects, California*, disposal, economic aspects, fisheries, historical aspects, pollution (oil), resource use, wastes


Keywords: California*, historical aspects, policy


Keywords: California*, conservation, development, economic aspects, historical aspects, interagency relations, personnel, planning, policy, projects


Keywords: California*, legislation, preservation, public use

Keywords: agriculture, biological aspects, boating, California*, estuaries, historical aspects, interagency relations, legal aspects, navigation, pollution, quality standards, recreation, wildlife


Keywords: bays, biological aspects, conservation, disposal, fisheries, inventory, problems, programs, research, San Francisco Bay*, wastes, water quality


Keywords: California*, planning, resource use


Keywords: education, needs, New York*, planning, research


Keywords: needs, New York*, planning, priorities, research

Keywords: bays, Chesapeake Bay*, decision-making, economic aspects, legal aspects, Maryland*, needs, planning, pollution, priorities, research, resource use, sociological aspects, Virginia*, wetlands


Keywords: estuaries, Massachusetts*, programs, protection, research


Keywords: assessment, bays, commercial fisheries, economic aspects, Massachusetts*, ownership, resource use, sport fisheries


Keywords: California*, industrial development, needs, resource use, water resources


Keywords: California*, legal aspects, pollution (oil)

Keywords: Atlantic Coast*, commercial fisheries, conflicts, economic aspects, estuaries, sport fisheries


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Keywords: attitudes, public health, Texas*


Keywords: coastal plains, education, facilities, Georgia*, North Carolina*, South Carolina*


Keywords: aquaculture, chemical aspects, economic aspects, education, facilities, fisheries, Georgia*, legal aspects, mapping, North Carolina*, pollution, preservation, projects, research, South Carolina*, technology, water quality

Keywords: assessment, estuaries, inventory, land use, water resources


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Keywords: coordination, legal aspects, legislation, programs


Keywords: estuaries, multiple use, national coastal zone*, planning, policy, resource use, shorelines


Keywords: coordination, defense, education, national coastal zone*, needs, priorities, resource use, technology

Keywords: industrial development, industrial operations, national coastal zone*, technology


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Keywords: legal aspects, national coastal zone*, offshore ocean, political aspects


Keywords: Connecticut*, geological aspects, marshes, preservation, research, wildlife

Keywords: Chesapeake Bay*, Maryland*, programs, projects, research


Keywords: economic aspects, enforcement, legal aspects, multiple use, national coastal zone*, political aspects, preservation, private use, sociological aspects, water quality


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Keywords: Gulf of Mexico*, inventory, resource use, Texas*


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Keywords: Delaware Bay*, estuaries, modeling, New Jersey*, water quality


Keywords: costs, demands, development, economic aspects, national coastal zone*, power plants, problems

Keywords: legal aspects, national coastal zone*, problems, protection, recreation, uses, water quality


Keywords: boundaries, development, historical aspects, legal aspects, national coastal zone*, ownership, problems, public access, recreation, shorelines, water resources


Keywords: bibliographies, Oregon*, research


Keywords: estuaries, national coastal zone*, projects, research


Keywords: assessment, inventory, national coastal zone*


Keywords: needs, New York*, planning, resource use

Keywords: goals, islands, New York*, planning, policy, resource use


Keywords: New York*, planning, resource use


Keywords: international coasts*, legal aspects, legislation, resource use, Texas*


Keywords: construction, economic aspects, interagency relations, legal aspects, programs, Virginia*


Keywords: estuaries, hearings (public), South Carolina*


Keywords: estuaries, hearings (public), North Carolina*

Keywords: District of Columbia*, estuaries, hearings (public), Maryland*, Virginia*


Keywords: estuaries, hearings (public), Virginia*


Keywords: estuaries, multiple use, national coastal zone*, planning, pollution


Keywords: attitudes, development, economic aspects, marshes, programs, research, Rhode Island*, shorelines, sociological aspects, uses


Keywords: assessment, commercial fisheries, economic aspects, Massachusetts*, ownership, resource use, rivers, sport fisheries

Mass.

Keywords: assessment, bays, commercial fisheries, economic aspects, Massachusetts*, ownership, resource use, sport fisheries


Mass.

Keywords: assessment, commercial fisheries, economic aspects, Massachusetts*, ownership, resource use, rivers, sport fisheries


Atlas shelf

Keywords: coordination, Florida*, land use, mapping, ownership


I56 Narge

Keywords: economic aspects, Florida*, interagency relations, land use, ownership, planning


I3014 MERRMS

Keywords: conservation, coordination, development, Florida*, legislation, mapping, planning, policy, preservation, shorelines


I3521A MERRMS

Keywords: development, Florida*, preservation

Keywords: Florida*, interagency relations, mapping, planning, preservation, water quality, water resources


Keywords: development, Florida*, preservation


Keywords: historical aspects, marshes, New Hampshire*, planning


Keywords: citizen participation, competitive use, development, New England*, recreation


Keywords: economic aspects, legal aspects, national coastal zone*, political aspects, projects, resource use


Keywords: bays, economic aspects, estuaries, industrial operations, planning, resource use, Texas*, water quality

Keywords: legal aspects, legislation, wetlands


Keywords: California*, conferences, conservation, development, land use, legal aspects, needs, planning, research, water resources


Keywords: conflicts, legal aspects, multiple use, national coastal zone*, public use, resource use


Keywords: aquaculture, conferences, development, economic aspects, fisheries, legal aspects, New England*, planning, resource use, technology


Keywords: economic aspects, organization, planning, public health, resource use, rivers, South Atlantic*, wildlife

Keywords: conferences, goals, interagency relations, policy, programs


Keywords: interagency relations, planning, programs, Virginia*


Keywords: bibliographies, Gulf of Mexico*, resource use, Texas*


Keywords: development, Gulf of Mexico*, recreation, sociological aspects, sport fisheries, Texas*


Keywords: commerce, demands, economic aspects, industrial development, planning, recreation, Virginia*


Keywords: boundaries, Gulf of Mexico*, legal aspects, Louisiana*, mining, ownership, Texas*

Keywords: estuaries, Potomac River*, research


Keywords: economic aspects, education, planning, research, resource use, Virginia*


Keywords: conservation, economic aspects, education, needs, Virginia*, wetlands


Keywords: conferences, coordination, needs, planning, programs, research


Keywords: hearings (House), national coastal zone*, needs, programs

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   relations, jurisdiction, planning, research, Virginia*

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   Keywords: citizen participation, legislation, 
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   21 pp.
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   sociological aspects
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|       | Keywords: construction, fisheries, Hawaii*, recreation, research, resource use |
|       | Keywords: defense, national coastal zone*, policy, programs |
|       | Keywords: conservation, estuaries, legal aspects, North Carolina*, programs |
|       | Keywords: legal aspects, mineral resources, national coastal zone* |

Keywords: boundaries, legislation, New Jersey*


Keywords: costs, economic aspects, legal aspects, national coastal zone*, planning


Keywords: bays, international coasts*, legal aspects, rivers


Keywords: bibliographies, economic aspects, legal aspects, policy, resource use


Keywords: California*, industrial development, jurisdiction, land use, planning, preservation


Keywords: Great Lakes*, Illinois*, land use, planning, resource use

**Keywords:** citizen participation, development, Potomac River*, quality standards, rivers


**Keywords:** islands, planning, preservation, programs, Virgin Islands*


**Keywords:** commercial fisheries, development, disposal, facilities, industrial development, legal aspects, national coastal zone*, pollution, preservation, programs, recreation, research


**Keywords:** bays, commercial use, conservation, industrial development, policy, recreation, technology, transportation, wastes


**Keywords:** assessment, commercial fisheries, economic aspects, estuaries, Massachusetts*, ownership, resource use, rivers, sport fisheries

**Mass.** Keywords: assessment, bays, commercial fisheries, economic aspects, Massachusetts*, ownership, resource use, sport fisheries


**Mass.** Keywords: assessment, commercial fisheries, economic aspects, harbors, Massachusetts*, ownership, resource use, sport fisheries


**Mass.** Keywords: assessment, commercial fisheries, economic aspects, estuaries, islands, Massachusetts*, ownership, resource use, rivers, sport fisheries


**Mass.** Keywords: assessment, commercial fisheries, economic aspects, harbors, Massachusetts*, ownership, resource use, rivers, sport fisheries


**Tex.** Keywords: climate, planning, Texas*

Keywords: education, Great Lakes*, interagency relations, Michigan*, planning, programs, research, resource use, water resources


Keywords: legislation, needs, programs


Keywords: bibliographies, exploration, international coasts*, legal aspects, resource use


Keywords: economic aspects, industrial development, industrial operations, research, resource use


Keywords: boundaries, historical aspects, legal aspects, national coastal zone*, ownership, regulation

Keywords: commerce, estuaries, fisheries, Gulf of Mexico*, industrial operations, jurisdiction, marshes, needs, ownership, South Atlantic*, sport fisheries, wildlife


Keywords: planning, wetlands


Keywords: mapping, national coastal zone*


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Keywords: aquaculture, development, industrial operations, Maine*, planning, recreation

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Keywords: land use, legal aspects, legislation, Maine*, recreation, regulation


Keywords: fisheries, jurisdiction, land use, legal aspects, legislation, Maine*, policy, resource use


Keywords: inventory, Texas*, wastes


Keywords: legal aspects, pollution

Keywords: assessment, economic aspects, education, legal aspects, pollution, research, resource use, South Carolina*, technology, wetlands


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Keywords: development, economic aspects, legal aspects, national coastal zone*, political aspects


Keywords: boundaries, international coasts*, jurisdiction, legal aspects, legislation, navigation


Keywords: conservation, development, dumping, economic aspects, islands, problems, programs, resource use, technology, Virgin Islands*


Keywords: assessments, inventory, multiple use, New York*, research


Keywords: disposal, New York*, water supply

Keywords: land use, legal aspects, ownership, Texas*


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Keywords: priorities, programs, research, wastes


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Keywords: goals, legislation, multiple use, national coastal zone*, planning, policy, research, resource use

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Keywords: coordination, education, facilities, national coastal zone*.


Keywords: defense, goals, national coastal zone*, priorities, programs, research, resource use, transportation.


Keywords: conferences, demands, multiple use, national coastal zone*, regulation, resource use.

Keywords: defense, goals, national coastal zone*, resource use, transportation


Keywords: agriculture, Chesapeake Bay*, construction, economic aspects, industrial operations, Maryland*, mining, personnel, transportation, Virginia*


Keywords: conferences, industrial development, industrial operations, mapping, national coastal zone*, programs, protection, research


Keywords: bays, Chesapeake Bay*, Maryland*, programs, projects, research, Virginia*


Keywords: commercial use, economic aspects, fisheries, New England*, research, resource use


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Keywords: Boston Harbor*, conferences, coordination, goals, New England*, planning, water quality


Keywords: land use, legislation, New England*, planning, public access


Keywords: legislation, New England*, planning, water resources


Keywords: enforcement, legal aspects, New Jersey*

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     Keywords: needs, North Carolina*, problems, research

     Keywords: commercial fisheries, conferences, estuaries, North Carolina*, preservation, water resources

     Keywords: development, estuaries, interagency relations, jurisdiction, marshes, navigation, programs, wetlands, wildlife

     Keywords: conferences, economic aspects, North Carolina*, pollution (thermal), quality standards, research, wastes, water quality

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Keywords: conferences, facilities, needs, pollution, research


Keywords: conferences, disposal, estuaries, historical aspects, legal aspects, Pacific Coast*, problems, recreation, resource use, water quality


Keywords: islands, New York*, planning, water quality

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Keywords: goals, legal aspects, legislation, planning, policy, political aspects


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Keywords: bays, estuaries, Texas*


Keywords: boundaries, legal aspects, mapping, national coastal zone*


Keywords: New York*, priorities, programs, research

Keywords: defense, disposal, dumping, Virginia


Keywords: assessment, economic aspects, industrial development, programs, research, rivers, Virginia


Keywords: coastal plains, development, estuaries, facilities, land use, Maryland, Pennsylvania, planning, Potomac River, recreation, resource use, rivers, transportation, Virginia, water quality


Keywords: bays, Chesapeake Bay, development, dumping, estuaries, fisheries, historical aspects, legal aspects, legislation, Maryland, regulations, shorelines, Virginia, water quality


Keywords: estuaries, Florida, preservation

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Keywords: legal aspects, multiple use, national coastal zone*, public policy


Keywords: facilities, Maine*, personnel, research


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Keywords: economic aspects, resource use

Keywords: conferences, education, national coastal zone*, research


Keywords: conferences, economic aspects, geological aspects, industrial operations, mineral resources, national coastal zone*, off-shore oceans, policy, problems, resource use, technology

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Keywords: conferences, education, industrial development, problems, programs, public use, Rhode Island*


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Keywords: development, disposal, planning, Virginia*


Keywords: development, planning, Virginia*

Keywords: California*, goals, interagency relations, legislation, planning


Keywords: economic aspects, fisheries, industrial operations, land use, New England*, transportation


Keywords: Alabama*, boundaries, development, estuaries, fisheries, industrial operations, marshes, research, wastes


Keywords: bays, conservation, development, economic aspects, mapping, marshes, needs, planning, policy, pollution, port development, public access, recreation, research, resource use, San Francisco Bay*, shorelines, transportation, uses, wildlife


Keywords: historical aspects, Virginia*, wetlands


Keywords: boundaries, historical aspects, jurisdiction, land use, legal aspects, mapping, marshes, national coastal zone*, ownership, programs, shorelines

Keywords: California*, Hawaii*, legislation, mining, Oregon*


Keywords: economic aspects, Texas*


Keywords: disposal, Massachusetts*, planning, recreation, rivers, sociological aspects


Keywords: assessment, islands, needs, New York*


Keywords: estuaries, fisheries, industrial development, jurisdiction, navigation, ownership, pollution, recreation, South Carolina*, wildlife


Keywords: interagency relations, jurisdiction, South Atlantic*

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Keywords: jurisdiction, legislation, political aspects, Puget Sound*, Washington*


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Keywords: coordination, development, Gulf of Mexico*, multiple use, planning

Keywords: coordination, interagency relations, legal aspects, Texas*


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Keywords: hunting, legislation, Texas*, wildlife


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Keywords: mineral resources, mining, planning, Texas*

Keywords: land use, Texas*

Keywords: conflicts, demands, inventory, planning, Texas*, water supply

Keywords: islands, planning, preservation, Virgin Islands*

Keywords: islands, planning, recreation, Virgin Islands*

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Keywords: commerce, cooperation, costs, hearings (public), legal aspects, mapping, navigation, planning, rivers, Virginia*


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recreation, Virginia*

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Keywords: disposal, industrial operations, legal
aspects

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D. C., 60 pp.

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recreation, research, resource use

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of Housing and Urban Development and the U. S. Geo­
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Keywords: bays, California*, coordination, de­
velopment, geological aspects, needs,
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