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ECOLOGICAL CHARACTERIZATION OF THE SEA ISLAND COASTAL REGION OF SOUTH CAROLINA AND GEORGIA

DIRECTORY OF INFORMATION SOURCES



Fish and Wildlife Service

U.S. Department of the Interior

The Biological Services Program was established within the U.S. Fish and Wildlife Service to supply scientific information and methodologies on key environmental issues that impact fish and wildlife resources and their supporting ecosystems. The mission of the program is as follows:

- To strengthen the Fish and Wildlife Service in its role as a primary source of information on national fish and wildlife resources, particularly in respect to environmental impact assessment.
- To gather, analyze, and present information that will aid decisionmakers in the identification and resolution of problems associated with major changes in land and water use.
- To provide better ecological information and evaluation for Department of the Interior development programs, such as those relating to energy development.

Information developed by the Biological Services Program is intended for use in the planning and decisionmaking process to prevent or minimize the impact of development on fish and wildlife. Research activities and technical assistance services are based on an analysis of the issues a determination of the decisionmakers involved and their information needs, and an evaluation of the state of the art to identify information gaps and to determine priorities. This is a strategy that will ensure that the products produced and disseminated are timely and useful.

Projects have been initiated in the following areas: coal extraction and conversion; power plants; geothermal, mineral and oil shale development; water resource analysis, including stream alterations and western water allocation; coastal ecosystems and Outer Continental Shelf development; and systems inventory, including National Wetland Inventory, habitat classification and analysis, and information transfer.

The Biological Services Program consists of the Office of Biological Services in Washington, D.C., which is responsible for overall planning and management; National Teams, which provide the Program's central scientific and technical expertise and arrange for contracting biological services studies with states, universities, consulting firms, and others; Regional Staff, who provide a link to problems at the operating level; and staff at certain Fish and Wildlife Service research facilities, who conduct inhouse research studies.

ECOLOGICAL CHARACTERIZATION OF THE SEA ISLAND
COASTAL REGION OF SOUTH CAROLINA AND GEORGIA

DIRECTORY
OF
INFORMATION SOURCES

A reference list of data sources pertinent
to the natural resources of coastal
South Carolina and Georgia

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PREFACE

The sea island coastal region of South Carolina and Georgia is rich in natural resources including moderate climate, dramatic scenic qualities, good soils, water, fish, wildlife and minerals. These resources are valuable for a variety of often competitive uses, including active and passive recreation, transportation, agriculture, commercial fisheries, industrial development, preservation and so forth.

A significant trend in the management and development of coastal resources is the growing realization that rational decisions and final judgements can be made only when all available information on local environmental conditions is considered. This trend recognizes the need for a holistic approach and has given rise to the ecosystem concept in natural resource management.

Recognition of the need for an ecological approach in managing coastal resources has developed from increasing evidence that man's utilization of this environment has brought about major, yet often subtle, changes in the functioning of ecosystems. In order to perpetuate the economic, aesthetic and biological values of coastal ecosystems, we must understand their functional relationships. As expressed by Odum (1964), our modern ecology must be a "systems ecology" or a hybridization of both ecology and systems methodology. The theory behind this approach embodies an important ecological principal: an ecological system is comprised of many components, no one of which can be altered without affecting the total system since no one part functions independently. By including a full assessment of the total ecosystem, management efforts --at both the field and administrative levels--can be designed to maximize the economic, social and biological benefits derived from natural resources. Recognizing this, the U.S. Fish and Wildlife Service is employing the ecosystem concept as a holistic mechanism for managing natural resources and is developing ecological characterization as one basic tool for this application.

An ecological characterization is a synthesis of existing information and data structured in a manner which identifies functional relationships between natural processes and the various components of an ecosystem (Fig. 1). Specifically, objectives of the sea islands ecological characterization were to: 1) assemble, review and synthesize existing biological, physical, and socioeconomic information and establish a sound information base for decision-making; 2) identify and describe various components (subsystems, habitats,

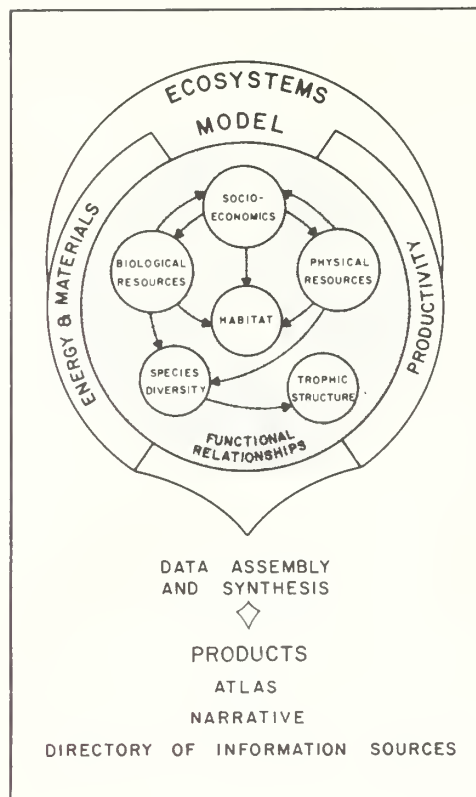


Figure 1. Components and final products of an Ecological Characterization.

communities, and key species) in this coastal ecosystem; 3) describe major physical, biological, and socioeconomic components and interactions; 4) describe known and potential ecosystem responses to man-induced changes; and 5) identify major information deficiencies for further study and decision-making needs.

Ecological characterizations are designed primarily to assist coastal resource managers engaged in comprehensive planning efforts such as assessment of the environmental impacts of development in the coastal zone. Other applications include the preparation of mitigation procedures and development alternatives. Characterization also provides an immediate data base for specific action programs (OCS oil and gas development, Section 10 and 404 permit reviews, etc.) and guidance in selecting parameters that need study in further defining coastal ecological systems.

Detailed discussions of the national coastal ecosystem characterization effort can be found in Tait (1977), Barclay (1978), Johnston (1978) and Palmisano (1978).

SEA ISLAND ECOLOGICAL CHARACTERIZATION

In February 1977, the U.S. Fish and Wildlife Service contracted with the Marine Resources Division of the South Carolina Wildlife and Marine Resources Department to develop an ecological characterization for the sea island coastal region of South Carolina and Georgia. The project area includes the coastal tier of sea island counties between the Georgetown/Horry county line in northern South Carolina south to the St. Marys River on the Georgia/Florida border, and the three lowland counties of Dorchester, Berkeley, and Effingham (Fig. 2).

The Sea Island Ecological Characterization is designed to yield products that will assist decision-makers in evaluating and predicting impacts of man-induced perturbations (e.g., oil and gas development, dredging and filling, water resource projects), and in general coastal zone planning. The study identifies sensitive habitats and critical life history stages of important species, addresses functional interactions at the habitat level, and provides socioeconomic information relative to the coastal environment.

Data assimilated for this project are partitioned into three segments for descriptive purposes: physical features (e.g., geology and hydrology); socioeconomic features (e.g., demographic characteristics and industrial development); and bio-ecological features (i.e., an ecological treatment of animals, plants, and their habitats).

Overall guidance for the preparation of ecological characterization materials was provided by conceptual models. These conceptual models have been modified for inclusion in the final products to facilitate understanding of ecosystem functions. To accommodate the broadest range of potential users, a three-tier model presentation was used and includes the following elements for each ecosystem: 1) a technical emergent model demonstrating energy flow into and within the subject ecosystem, functional relationships between representative components of the system, and flow of energy in various forms from the system; 2) a less-technical pictorial model of the same ecosystem illustrating representative flora and fauna tagged with appropriate producer or consumer emergent symbols, and 3) a representative food web indicating trophodynamics within the subject ecosystem.

Organization of Final Products

Several products are being developed from the Sea Island Ecological Characterization effort, as follows:

- (1) Characterization Atlas -- The

Atlas is an oversized document (28 in x 42 in) that presents data in condensed form in four map series at various scales ranging from 1:24,000 to 1:500,000. Map series No. 1 presents selected cultural and natural resources and utilities. Map series No. 2 illustrates physiographic features, water quality, and various wildlife and archaeological resources. Major urban areas and harbors, bathymetry, spoil disposal sites, industries, power plants, point source discharges, shellfish grounds, etc., are depicted in map series No. 3. Geological features such as shoreline changes, historical geology, and gravity maps are presented in map series No. 4. All maps are printed in color.

(2) Narrative Volumes -- Detailed narrative treatment is provided for the three major ecosystem components: the physical, socioeconomic, and bio-ecological features of the Sea Island Characterization area. Because conceptual models are particularly valuable in identifying ecosystem components and in relating their functional significance and regulatory processes, appropriate sections of the narrative text are prefaced by exemplary models. These models serve as a tool to promote understanding of the functional relationships within and between systems, and the impacts of various impingements and perturbations on their components. Narrative materials are arranged as follows:

- (a) Physical features section -- Detailed treatment is provided of topical areas such as climate, physiography, geologic history and structure, coastal and nearshore erosion and deposition, hydrology, and descriptions of individual coastal islands of the study area.
- (b) Socioeconomic features section -- Data are presented on population, labor force characteristics and trends, transportation, industrial development, agricultural practices, public utilities, energy resources, fish and wildlife conservation and utilization, and recreational resources.
- (c) Biological and ecological features -- This section describes biotic components along ecological lines. This approach facilitates the treatment of major community or habitat types, and generally deals with organisms at the population level. Functional relationships and areas of ecological sensitivity are stressed.

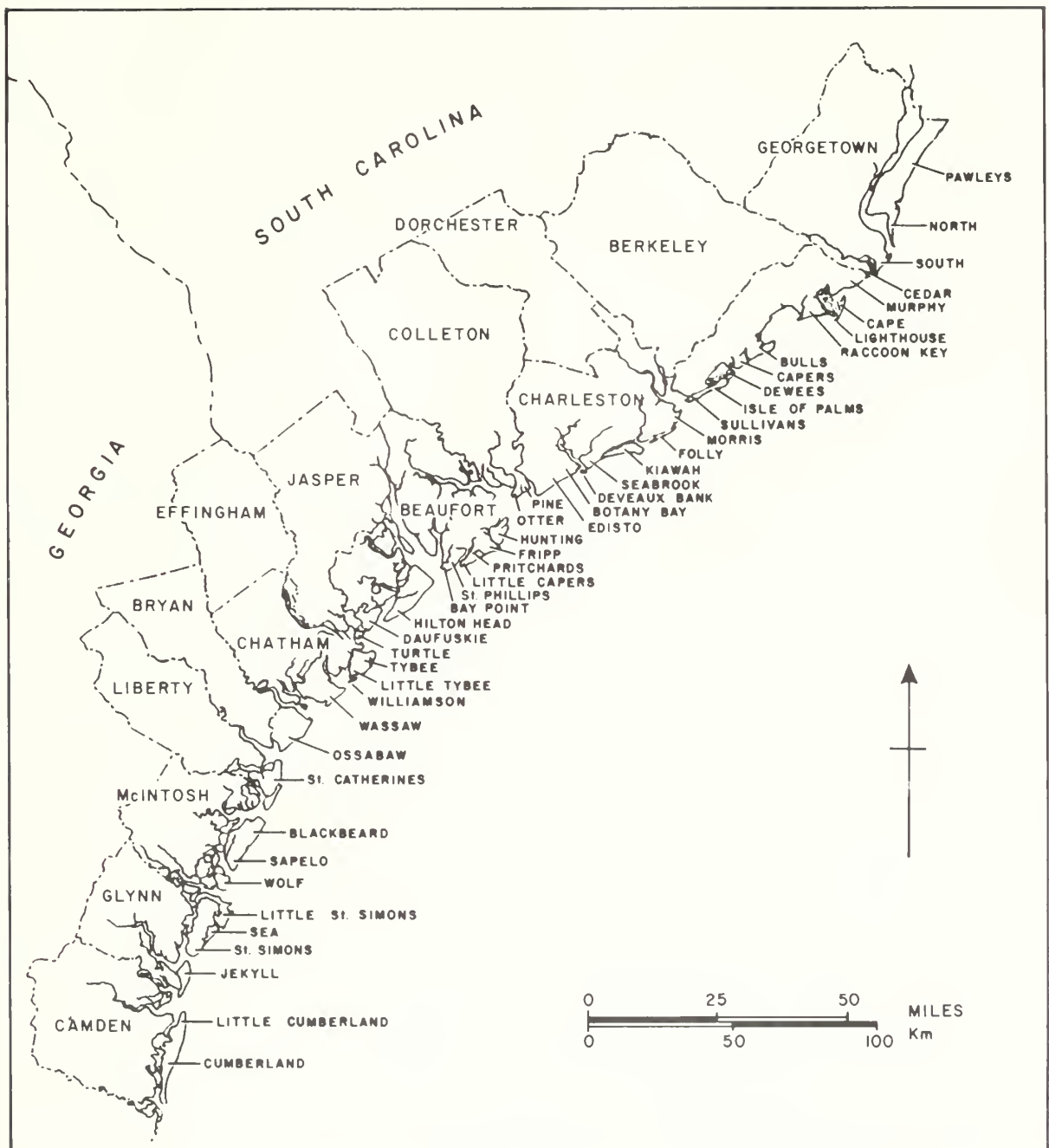


Figure 2. Study area of the Sea Island Ecological Characterization.

(3) Directory of Information Sources
-- This document identifies and describes major data sources relevant to the ecological characterization of coastal South Carolina and Georgia. The main purpose of the Directory is to guide users to known sources of data pertinent to specific subject areas. It is intended to serve as a referral service between groups or organizations with differing needs.

(4) Bibliography -- A computerized bibliography of over 8,000 references has been assembled as a central component of the Sea Island Characterization. The system is designed for periodic updating, and all entries can be retrieved in a variety of ways including key word searches and author call-up.

INTRODUCTION

Two important objectives of the overall characterization effort were to identify sources of physical, socio-economic and ecological information concerning the sea islands and coastal region of South Carolina and Georgia and to direct users to these data sources. To accomplish these objectives, this directory, which provides easy access to 337 sources of information in the two states and elsewhere, was prepared.

The directory contains three sections: (1) a list of subject matter descriptors (e.g., "air quality") and page numbers; (2) a list and ranking of information sources by subject area; and (3) alphabetical lists of data sources under four headings (South Carolina, Georgia, Federal, and Other). The sources are numbered consecutively, and the numbers serve to link the subject matter descriptors and the information sources. Also, to help the user avoid duplication of effort, data sources listed for each subject matter area are ranked as primary or secondary sources. For example, Brunswick Junior College conducted an estuarine hydrologic survey for the Georgia Department of Natural Resources, Environmental Protection Division. Since the Environmental Protection Division not only has these data, but also other hydrologic/hydrographic/water quality data, the Division is the primary source (I) while Brunswick Junior College is the secondary source (II).

It is hoped that this directory will provide a summary of information sources to local, state, and federal agencies, academic institutions, and private organizations involved in managing, developing and conserving the coastal resources of South Carolina and Georgia. This directory is also intended to facilitate communication between these groups and organizations, e.g., urban planner with forest manager.

Although it is not a large document, this directory could not have been assembled without the assistance of many people. Basically, it is a synthesis of data source contributions from 40 individuals who have special knowledge of the two states. In addition to these contributors, unnamed secretaries, technicians, and administrators from the various agencies and institutions assisted by relaying information and identifying the best data sources. Their help was invaluable. We also thank Patricia J. DuPree for preparing the manuscript.

USER'S INSTRUCTIONS

As previously stated, we have used numbers to link subject matter descriptors and information sources. Listed below is a detailed example showing utilization of this number system.

- STEP 1. Review list of descriptors beginning on page 2 to find area of interest.

Example: SOLAR ENERGY

- STEP 2. Refer to page number associated with Solar Energy.

Example: SOLAR ENERGY is found under ENERGY RESOURCES, page 7.

- STEP 3. Decide area of interest beginning with primary (I) sources.

Example: Both states, I 191, 237, 324.

- STEP 4. Refer to the Directory of Sources, numbered sequentially, which begins on page 18.

Example: No. 191 is found on page 26 and is identified as Council on Environmental Quality. No. 237, on page 29, is the U.S. Department of Energy. No. 324, on page 34, is the University of Florida's Solar Energy and Energy Conversion Laboratory.

Although the above example is simple, the procedures for a more complicated subject are the same. For instance, the agencies identified as sources of information concerning raccoon predation on eggs of the Atlantic loggerhead turtle are found through pathways beginning with subject descriptors MAMMALS and MARINE TURTLES. This directory enables one to identify the appropriate agencies for most subject areas of coastal interest.

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I 119, 137, 141, 144
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I 171, 191, 237
II 226, 285, 316

ENERGY RESOURCES (Cont.)

Solar Energy

South Carolina

I 17, 60

II

I 137, 141

II 104

Georgia

Both

I 191, 237, 324

II 226

FISH

Estuarine/Marine

I 11, 22, 29, 71, 72, 73, 77, 331

II 13, 53, 59, 69, 198, 238, 277

I 113, 121, 169, 187, 188

II 91, 122, 144, 148, 166, 184, 186, 200

I 195, 223, 228, 230, 337

II 217, 274, 283, 295, 299

Freshwater

I 22, 29, 69, 73, 77, 212, 238

II 11, 13, 30, 44, 59, 68, 71, 72 198, 277

I 254, 255, 286

II 195, 251, 283, 293, 322, 328

FISH TOXICOLOGY

I 47, 71, 238, 277

II 13, 22, 29, 30, 69, 73

I 119, 121

II 169, 188

I 231, 254, 278

II 195, 230

FORESTRY

I 15, 23, 25, 63, 238

II 39, 57, 68, 210

I 93, 111, 131, 132, 180, 214, 321

II 143, 149, 156, 163, 211

I 212, 213, 215

II 217, 262, 315

GAME RESOURCES

I 22, 73

II 71, 76, 238

I 121, 186

II 154

I 249

II 251, 262

GEOLOGY

South Carolina

I 19, 21, 54, 64, 69, 71, 81, 82, 198
II 11, 14, 28, 43, 44, 77

Georgia

I 117, 135, 163, 169, 182, 188
II 101, 111, 113, 118, 151, 181, 200, 317

Both

I 197, 247, 256, 323
II 191, 245, 249, 283, 285

NOTE: All major oil companies.

HISTORY/ARCHAEOLOGY

I 11, 45, 55, 59, 83, 267
II 38, 49, 72, 198

HYDROLOGY/HYDROGRAPHY

Ground Water

I 21, 26, 47, 57, 64, 69, 81, 258
II 14, 19, 39, 43, 44, 77, 210

I 115, 117, 135, 136, 149, 182, 259
II 101, 106, 113, 132, 163, 167

I 217, 256

II

NOTE: All major industries.

River System Drainage

I 26, 64, 69, 77, 82, 258
II 44, 51, 54, 62, 81, 198

I 115, 117, 135, 136, 149, 182, 259
II 95, 101, 106, 130, 144, 169, 188, 200

I 197, 232, 256

II 217, 279

Tidal

I 19, 71, 77, 81, 82, 198
II 21, 43, 47, 69

I 232, 234, 256
II

INVERTEBRATES

Non-Insects

Aquatic

Estuarine/Marine

South Carolina

Georgia

Both

I 71, 77, 79

I 113, 169, 185, 188

I 223, 336

II 11, 29, 30, 53, 73, 198, 277

II 100, 187, 200, 289, 303, 325

II 195, 230, 245, 284, 299, 300, 331, 335

Freshwater

I 22, 73, 79

I 121, 134, 321

I 279, 286

II 30, 47, 71, 198

II 100, 200

II 195, 278, 284

Terrestrial

I 24, 44, 210, 238

I 106, 180, 186, 286, 321

I

II 11, 13, 27, 63, 313

II 100, 132, 148, 166

II 195, 284, 326, 328

Insects

I 13, 22, 24, 210, 238

I 179, 188, 321

I 287

II 43, 63, 73, 77, 79, 313, 329

II 106, 132, 148, 150

II 195, 283, 284, 295, 298, 299, 300, 319, 326, 328

Insect Management

I 4, 6, 13, 22, 24, 32, 44, 47, 63, 210

I 94, 106, 132, 155, 175, 180, 211, 321

I 242, 279, 286

II 30, 39, 69, 71, 74, 77, 238, 329

II 100, 113, 121, 163, 186

II 278

LAND USE RESOURCES

Agriculture

I 43, 57

I 118, 149

I

II 5, 34, 35, 40, 85

II 90, 95

II 318

LAND USE RESOURCES (Cont.)

<u>Forestry</u>		<u>South Carolina</u>		<u>Georgia</u>		<u>Both</u>
<u>I</u>	43, 57			<u>I</u>	118	<u>I</u>
<u>II</u>	5, 34, 35, 40, 85			<u>II</u>	149	<u>II</u> 318
<u>Mining</u>						
<u>I</u>	57, 64			<u>I</u>	118, 149	<u>I</u> 223, 247
<u>II</u>	43			<u>II</u>		<u>II</u> 318
<u>Transportation</u>						
<u>I</u>	5, 8, 42, 43, 54, 61			<u>I</u>	118, 130	<u>I</u> 275
<u>II</u>	34, 57, 68, 198			<u>II</u>	143, 200	<u>II</u> 318
<u>Urban</u>						
<u>I</u>	5, 8, 34, 35, 40, 57, 85			<u>I</u>	90, 95, 104	<u>I</u> 244
<u>II</u>				<u>II</u>		<u>II</u> 318
<u>MAMMALS</u>						
<u>Brackish/Freshwater</u>						
<u>I</u>	24, 73, 79, 238			<u>I</u>	121, 124, 180, 185, 186, 188, 286	<u>I</u> 249
<u>II</u>	11, 59, 71			<u>II</u>	102, 105, 148, 150, 166, 169, 184, 290, 300	<u>II</u> 195, 283, 284
<u>Marine</u>						
<u>I</u>	11, 71, 77			<u>I</u>	87, 113, 123, 166	<u>I</u> 195, 304
<u>II</u>	72			<u>II</u>	105, 169, 188	<u>II</u> 158, 228, 283

MAMMALS (Cont.)

Terrestrial

South Carolina

I 11, 22, 73, 74, 238

II 24, 59, 79

Georgia

I 121, 124, 180, 184, 321

II 87, 105, 148, 150, 166, 176, 306

Both

I 249, 286

II 11, 195, 283, 284, 290, 293, 298, 300

MANAGEMENT OF FISH AND WILDLIFE RESOURCES

Fishery Resources
Estuarine/Marine

I 71, 72, 73

II 53

I 113, 121

II 122

I 229, 230, 249

II 158, 255

Freshwater

I 73, 210

II 22

I 113, 121, 122

II

I 249, 254

II 255

Game Resources
Birds

Upland Birds

I 22, 73

II

I 105, 121, 186, 321

II

I 36

II 311

Waterfowl

I 73

II 22, 75

I 121, 321

II 186

I 251, 253, 294, 311

II 36

Mammals

I 22, 73

II

I 121, 177, 185, 186

II 154, 163, 176, 321

I 249, 251

II 158, 212, 274, 311

MANAGEMENT OF FISH AND WILDLIFE RESOURCES (Cont.)

Non-game Resources

	<u>South Carolina</u>	<u>Georgia</u>	<u>Both</u>
<u>I</u> 74	<u>I</u> 121		<u>I</u> 249
<u>II</u>	<u>II</u>		<u>II</u> 36
Refuges and Management Areas			
Federal			
<u>I</u>	<u>I</u>		<u>I</u> 212, 249, 251, 262
<u>II</u>	<u>II</u>		<u>II</u> 245, 246
State			
<u>I</u> 73	<u>I</u> 121, 124		<u>I</u>
<u>II</u> 57, 69	<u>II</u> 104, 113, 152		<u>II</u>
Other			
<u>I</u> 7, 49	<u>I</u> 127		<u>I</u> 260, 261
<u>II</u>	<u>II</u>		<u>II</u>
<u>MARINE TURTLES</u>			
<u>I</u> 72, 74, 77, 79	<u>I</u> 105, 113, 166, 185		<u>I</u> 229, 252
<u>II</u> 11, 33	<u>II</u> 169, 188, 263		<u>II</u> 251, 299
<u>RECREATION</u>			
Aquatic Artificial Reefs			
<u>I</u> 72	<u>I</u> 113, 125		<u>I</u> 223, 230
<u>II</u>	<u>II</u>		<u>II</u> 228

RECREATION (Cont.)

Aquatic Beaches

South Carolina

I 7, 12, 49, 72
II 3, 5, 34, 69

Boating

I 70, 72
II 7, 53, 69

Recreational Fisheries

I 72, 73
II
I 113, 121, 122, 124
II 104, 152, 157, 172

Terrestrial Camping/Hiking

I 7, 49, 212
II 5, 34
I 125, 127
II 104, 157, 187

Hunting

I 73, 76
II 57
I 121
II 104, 113, 124, 125, 152

Parks

I 7, 49
II 3, 5, 34, 35, 40, 57, 85
I 127, 128
II 90, 95, 104, 140

Georgia

I 89, 97, 104, 125, 157, 164
II 121

I 121
II 104, 152, 157, 187

I 203
II 228, 260, 261, 308

I 228, 230, 249, 260, 261, 320
II 158, 245, 246, 251, 308

I 262
II 212, 217, 251, 318

I 260, 261, 262
II 212, 223, 251, 318

I 159, 260, 261, 262
II 212, 223, 245, 246, 318

RECREATION (Cont.)

Terrestrial

Resort Areas

South Carolina

I 3, 5, 7, 49

II 34, 35, 37, 40, 85

Sport Facilities

I 7, 9, 49

II 3, 5, 34, 35, 40, 57, 85

Georgia

I 104, 125

II 90, 95, 157

I 97, 104, 125

II 90, 95, 124, 157

Both

I 260, 261

II 223, 262, 318

I 260, 261

II 223, 318

REPTILES/AMPHIBIANS

I 11, 73, 238

II 24, 59, 71, 75, 295, 313

I 121, 166, 184, 321

II 105, 148, 150, 157, 161, 169, 180, 183, 185, 186, 188, 302

I 319

II 195, 251, 283, 284, 288, 290, 298, 299, 300, 322, 326, 328

SHELLFISH TOXICOLOGY

I 47, 71, 277

II

I 115

II

I 231, 278, 279

II

SOCIOECONOMICS

Demography

I 3, 5, 8, 34, 35, 40, 56, 78, 85

II 52

I 90, 95, 104, 112, 140

II 138, 241, 301, 334

I 222, 223

II

Educational Institutions

I 8, 46

II

I 109

II

I 239

II

SOCIOECONOMICS (Cont.)

Employment and Income

South Carolina

I 8, 52, 56, 65

II 225

Georgia

I 112, 129, 142

II 224

Both

I 272, 273

II

Industrial Development

I 3, 5, 8, 12, 34, 35, 40, 66, 68, 85, 225

II 2, 31

I 90, 95, 104, 111, 138, 143, 224

II 89, 112, 164

I 223

II

Military

I 8, 58

II

I 108

II

NOTE: Contact Public Information Officer at respective military installations.

Tourism

I 2, 3, 5, 7, 8, 12, 31, 34, 35, 40

II 85

I 89, 90, 95, 104, 111, 124, 127, 157, 164

I 223, 260, 261

II

Transportation

I 8, 42, 54, 61, 68

II 3, 5, 34, 35, 40, 85, 198

I 96, 104, 130, 142, 143

II 90, 200

I 197, 223, 275

II 190

Urban Development

I 3, 5, 8, 10, 34, 35, 40, 67, 78, 85

II 2, 12, 31

I 90, 95, 104, 111, 142

II 89, 107, 118, 157, 164

I 244

II 308

NOTE: See respective military installations for impact and expansion.

SOILS

South Carolina

- I 16, 18, 44, 64, 206, 210, 220
- II 14, 19, 21, 25, 43, 54, 198

Georgia

- I 106, 135, 149, 207, 211, 219
- II 130, 132, 172, 200

Both

- I 217, 256
- II

VEGETATION

Aquatic

Estuarine/Marine

- I 13, 43, 69, 72, 75, 77
 - II 11, 27, 79, 198, 238
- I 105, 113, 169, 178, 188, 280
 - II 104, 124, 140, 147, 148, 150, 174, 185, 186, 189, 200, 314
- I 196, 199, 205, 250
 - II 197, 214, 223, 251, 256, 279, 291, 329, 331, 335

Freshwater

- I 13, 15, 69, 73, 75, 79
 - II 11, 23, 27, 63, 71, 198
- I 113, 121, 178
 - II 100, 124, 132, 147, 148, 150, 180, 184
- I 196, 250
 - II 251, 330

Terrestrial

- I 15, 20, 23, 63, 75, 238
 - II 11, 13, 27, 59, 79
- I 124, 132, 178, 180, 321
 - II 88, 92, 100, 113, 147, 148, 150, 169, 188
- I 196
 - II 283, 315, 329, 330

WATER POLLUTION

- I 26, 30, 44, 47, 69, 201, 238, 277
 - II 3, 5, 34, 35, 40, 51, 62, 82, 85, 198
- I 98, 106, 111, 120, 139, 204
 - II 115, 121, 169, 186, 200, 289
- I 197, 202, 243, 279, 281
 - II 209, 276

NOTE: Major industries for each state.

WATER QUALITY

Estuarine/Marine

- I 47, 71, 77, 82, 258
 - II 26, 44, 51, 62, 69, 198
- I 113, 117, 120, 139, 169, 188, 259
 - II 91, 106, 144, 165, 200
- I 279
 - II 209, 237, 243, 276, 281

WATER QUALITY (Cont.)

Freshwater

South Carolina

- I 26, 47, 69, 238, 258
II 44, 51, 62, 73, 82, 198

WILDLIFE

- I 73, 238
II 22, 49

Georgia

- I 117, 120, 136, 259
II 106, 144, 200

- I 121, 177, 186, 248
II 154

Both

- I 243, 279
II 209, 237, 276, 281

I 212, 251
II 242, 260, 261, 262

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3. Beaufort County Joint Planning
Commission
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Beaufort, South Carolina 29902
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4. Beaufort County Mosquito Control
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6. Charleston County Mosquito Abatement
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7. Charleston County Park, Recreation
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8. Charleston County Planning Board
2 Court House Square
Charleston, South Carolina 29401
(803) 577-7800
9. Charleston Department of Leisure
Services
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Charleston, South Carolina 29401
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10. Charleston Department of Planning and
Urban Development
116 Meeting Street
Charleston, South Carolina 29401
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11. The Charleston Museum
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Commerce
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Charleston, South Carolina 29409
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26. Clemson University
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27. College of Charleston
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28. College of Charleston
Department of Geology
Charleston, South Carolina 29402
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29. College of Charleston
Grice Marine Biological Laboratory
205 Fort Johnson
Charleston, South Carolina 29412
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30. Cooper River Water User's
Association

Amoco Chemicals
Cooper River Plant
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Mt. Pleasant, South Carolina 29464
(803) 884-6151

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Works
14 George Street
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32. Georgetown County Mosquito Abatement
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33. Kiawah Island Company
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34. Lowcountry Council of Governments
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35. Lower Savannah Council of Governments
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36. National Audubon Society
Southeastern Regional Office
145 King Street
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37. Patriots Point Development Authority
P.O. Box 986
Mount Pleasant, South Carolina 29464
(803) 884-2727
38. Preservation Society of Charleston
130 Meeting Street
Charleston, South Carolina 29402
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39. Pulp and Paper Companies

International Paper Company
Industrial Packaging Group
Georgetown, South Carolina 29440
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40. Santee-Wateree Regional Planning
Council
P.O. Box 1837
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41. Small Business Administration
1801 Assembly Street
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42. South Carolina Aeronautics Commission
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43. South Carolina Coastal Council
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44. South Carolina Department of
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45. South Carolina Department of Archives
and History
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Capitol Station
Columbia, South Carolina 29211
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46. South Carolina Department of Education
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47. South Carolina Department of Health and Environmental Control
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48. South Carolina Department of Health and Environmental Control
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50. South Carolina Disaster Preparedness Agency
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51. South Carolina Electric and Gas Company
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53. South Carolina Extension Marine Advisory Program

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55. South Carolina Historical Society
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56. South Carolina Labor Department
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57. South Carolina Land Resources Conservation Commission
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58. South Carolina Military Department
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62. South Carolina Public Service Authority
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65. South Carolina State Development Board
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66. South Carolina State Development Board
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Savannah, Georgia 31406
(912) 925-4200
 88. Bainbridge Junior College
U.S. Highway 84E
Bainbridge, Georgia 31717
(912) 246-1222
 89. Brunswick Chamber of Commerce
P.C. Box 250
Brunswick, Georgia 31520
(912) 265-0620

90. Brunswick-Glynn County Joint
Planning Commission
Box 1495
Brunswick, Georgia 31520
(912) 265-3313
91. Brunswick Junior College
Department of Natural Sciences
Altama Avenue at Fourth Street
Brunswick, Georgia 31520
(912) 264-7234
92. Calloway Gardens
Pine Mountain, Georgia 31822
(404) 663-2281
93. Chatham County Forest Protection
Unit
Rangers Headquarters
Louisville Road
Pooler, Georgia 31322
(912) 748-4924
94. Chatham County Health Department
Mosquito Control
2011 Eisenhower Drive
Savannah, Georgia 31406
(912) 355-6320
95. Chatham County-Savannah Metropolitan
Planning Commission
P.O. Box 1027
Savannah, Georgia 31402
(912) 236-9523
96. City of Savannah Airport Commission
Route 1, Box 286
Savannah, Georgia 31401
(912) 964-0514
97. City of Savannah Department of
Leisure Services
P.O. Box 1027
Savannah, Georgia 31402
(912) 233-9321
98. City of Savannah Water Pollution
Control Plant
1400 East President Street Extension
Savannah, Georgia 31404
(912) 233-2332
99. Coastal Georgia Historical Society
P.O. Box 1151
St. Simons Island, Georgia 31522
(912) 638-4666
100. Emory University
Department of Biology
Atlanta, Georgia 30322
(404) 329-6292
101. Emory University
Department of Geology
Atlanta, Georgia 30322
(404) 329-6491
102. Fernbank Science Center
156 Heaton Park Drive NE.
Atlanta, Georgia 30307
(404) 378-4311
103. General Services Administration
Federal Archives and Records Center
1557 St. Joseph Avenue
East Point, Georgia 30344
(404) 763-7474
104. Georgia Coastal Area Planning and
Development Commission
P.O. Box 1316
Brunswick, Georgia 31520
(912) 264-7363
105. The Georgia Conservancy
Atlanta Office
3376 Peachtree Street, Suite 414
Atlanta, Georgia 30326
(404) 262-1967
106. Georgia Department of Agriculture
Agriculture Building
Capitol Square
Atlanta, Georgia 30334
(404) 656-3705
107. Georgia Department of Community
Affairs
7 Martin Luther King, Jr. Drive SW.
Atlanta, Georgia 30334
(404) 656-3836
108. Georgia Department of Defense
Office of Adjutant General
935 East Confederate Avenue SE.
Atlanta, Georgia 30303
(404) 656-6194
109. Georgia Department of Education
State Superintendent of Schools
State Office Building
12 Capitol Square SW.
Atlanta, Georgia 30334
(404) 656-2598
110. Georgia Department of Human
Resources
47 Trinity Avenue SW.
Atlanta, Georgia 30334
(404) 894-5290
111. Georgia Department of Industry and
Trade
P.O. Box 1776
Atlanta, Georgia 30303
(404) 656-3545
112. Georgia Department of Labor
254 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-3000
113. Georgia Department of Natural
Resources
Coastal Resources Division
1200 Glynn Avenue
Brunswick, Georgia 31520
(912) 264-7218

114. Georgia Department of Natural Resources
Coastal Resources Division
Marshlands Protection Section
1200 Glynn Avenue
Brunswick, Georgia 31520
(912) 264-7365
115. Georgia Department of Natural Resources
Environmental Protection Division
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-4713
116. Georgia Department of Natural Resources
Environmental Protection Division
Air Protection Branch
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-6900
117. Georgia Department of Natural Resources
Environmental Protection Division
Georgia Geologic Survey
19 Martin Luther King, Jr. Drive SW.
Atlanta, Georgia 30334
(404) 656-3214
118. Georgia Department of Natural Resources
Environmental Protection Division
Land Protection Branch
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-2833
119. Georgia Department of Natural Resources
Environmental Protection Division
Program Coordination Section
Environmental Radiation Program
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-6905
120. Georgia Department of Natural Resources
Environmental Protection Division
Water Protection Branch
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-6593
121. Georgia Department of Natural Resources
Game and Fish Division
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-3523
122. Georgia Department of Natural Resources
Game and Fish Division
P.O. Drawer E
Richmond Hill, Georgia 31324
(912) 756-3691
123. Georgia Department of Natural Resources
Game and Fish Division, Game Management Section
Endangered Species Section
Route 2, Box 119B
Social Circle, Georgia 30279
(404) 557-2532
124. Georgia Department of Natural Resources
Office of Planning and Research
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-5160
125. Georgia Department of Natural Resources
Office of Planning and Research
Recreation Planning Section
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-2790
126. Georgia Department of Natural Resources
Office of the State Archeologist
Martha Munroe Hall
West Georgia College
Carrollton, Georgia 30118
(404) 834-6835
127. Georgia Department of Natural Resources
Parks and Historic Sites Division
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-3530
128. Georgia Department of Natural Resources
Parks and Historic Sites Division
Historic Preservation Section
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-2840
129. Georgia Department of Revenue
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-4003
130. Georgia Department of Transportation
2 Capitol Square SW.
Atlanta, Georgia 30334
(404) 656-5200
131. Georgia Forest Research Council
P.O. Box 828
Macon, Georgia 31202
(912) 744-3353
132. Georgia Forestry Commission
P.O. Box 819
Macon, Georgia 31202
(912) 744-3211
133. Georgia Historical Society
501 Whitaker Street
Savannah, Georgia 31401
(912) 944-2128

134. Georgia Institute of Technology
Department of Biology
225 North Avenue NW.
Atlanta, Georgia 30332
(404) 894-3735
135. Georgia Institute of Technology
Department of Geophysical Sciences
225 North Avenue NW.
Atlanta, Georgia 30332
(404) 894-2857
136. Georgia Institute of Technology
Environmental Resources Center
Atlanta, Georgia 30332
(404) 894-2375
137. Georgia Institute of Technology
Nuclear Engineering School
Atlanta, Georgia 30332
(404) 894-3720
138. Georgia Institute of Technology
Savannah Industrial Development
Services
6606 Abercorn Street
Savannah, Georgia 31405
(912) 356-2391
139. Georgia Institute of Technology
Water Resources Center
225 North Avenue NW.
Atlanta, Georgia 30332
(404) 894-2375
140. Georgia Office of Planning and
Budget
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-3820
141. Georgia Office of Planning and
Budget
Energy Resources Division
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-5176
142. Georgia Office of Planning and
Budget
Physical and Economic Development
Division
270 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-3832
143. Georgia Ports Authority
235 Peachtree Street NE.
Atlanta, Georgia 30383
(404) 656-2323
144. Georgia Power Company
270 Peachtree Street NW.
Atlanta, Georgia 30303
(404) 522-6060
145. Georgia Public Service Commission
244 Washington Street SW.
Atlanta, Georgia 30334
(404) 656-4520
146. Georgia Secretary of State
Department of Archives and History
330 Capitol Avenue SE.
Atlanta, Georgia 30334
(404) 656-2393
147. Georgia Southern College
Department of Biology
Statesboro, Georgia 30458
(912) 681-5487
148. Georgia State Museum
State Capitol
Atlanta, Georgia 30334
(404) 656-2846
149. Georgia State Soil and Water
Conservation Committee
1867 West Broad Street
Athens, Georgia 30606
(404) 542-3065
150. Georgia State University
Department of Biology
Atlanta, Georgia 30303
(404) 658-3103
151. Georgia State University
Department of Geology
Atlanta, Georgia 30303
(404) 658-2272
152. Georgia State University
Environmental Research Group
University Plaza
Atlanta, Georgia 30303
(404) 658-4250
153. The Georgia Trust for Historic
Preservation
9 Baltimore Place
Atlanta, Georgia 30308
(404) 881-9980
154. Georgia Wildlife Federation
4019 Woburn Drive
Tucker, Georgia 30084
(404) 934-1955
155. Glynn County Mosquito Control
4145 Norwich Street Extension
Brunswick, Georgia 31520
(912) 265-8462
156. Herty Foundation Laboratory
P.O. Box 1963
Savannah, Georgia 31402
(912) 964-5541
157. Jekyll Island State Park
Authority
270 Washington Street SW.
214 Trinity Washington Building
Atlanta, Georgia 30334
(404) 656-2345
158. National Coalition for Marine
Conservation
P.O. Box 23298
Savannah, Georgia 31403
(912) 234-8062

159. National Recreation and Parks Association
1677 Tully Circle NE.
Atlanta, Georgia 30329
(404) 634-1997
160. The Nature Conservancy
Southeastern Regional Office
4289 Memorial Drive, Suite K
Decatur, Georgia 30032
(404) 294-7054
161. Oatland Island Educational Center
711 Sandtown Road
Savannah, Georgia 31410
(912) 897-3773
162. Petroleum Council of Georgia
230 Peachtree Street NW.
Atlanta, Georgia 30303
(404) 522-2574
163. Pulp and Paper Companies

Brunswick Pulp and Paper Company
P.O. Box 1438
Brunswick, Georgia 31520
(912) 265-5780

Georgia Pacific Company
2351 Button Gwinnett Place
Norcross, Georgia 30093
(404) 449-7600

Gillman Paper Company
P.O. Box 878
St. Marys, Georgia 31558
(912) 882-4241

International Paper Company
P.O. Box 400
Richmond Hill, Georgia 31324
(912) 756-3333

ITT Rayonier
Southeast Timber Division
P.O. Box 728
Fernandina Beach, Florida 32034
(904) 261-3631

St. Joe Paper Company
P.O. Drawer C
College Park, Georgia 30022
(404) 768-6290

Union Camp Corporation
26 Executive Park Drive WNE.
Atlanta, Georgia 30329
(404) 633-6191
164. Savannah Chamber of Commerce
P.O. Box 530
Savannah, Georgia 31402
(912) 233-3067
165. Savannah Electric and Power Company
P.O. Box 968
Savannah, Georgia 31402
(912) 232-7171
166. Savannah Science Museum
4405 Paulsen Street
Savannah, Georgia 31405
(912) 355-6705
167. Savannah State College
Department of Biology
Savannah, Georgia 31404
(912) 356-2250
168. Shorter College
Department of Biology
Rome, Georgia 30161
(404) 291-2121 Ext. 50
169. Skidaway Institute of Oceanography
P.O. Box 13687
Savannah, Georgia 31406
(912) 356-2453
170. Small Business Administration
1720 Peachtree Road NW.
Atlanta, Georgia
(404) 881-4325
171. Southern Interstate Nuclear Board
One Exchange Place
Suite 1230
Atlanta, Georgia 30338
(404) 455-8841
172. University of Georgia
College of Agriculture
Department of Agricultural
Economics
Athens, Georgia 30601
(404) 542-2481
173. University of Georgia
College of Agriculture
Georgia Coastal Plain Experimental
Station
P.O. Box 748
Tifton, Georgia 31794
(912) 386-3453
174. University of Georgia
College of Agriculture Experiment
Stations
Athens, Georgia 30602
(404) 542-2151
175. University of Georgia
College of Agriculture Experiment
Stations
Skidaway Island, Georgia 31406
(912) 356-2496
176. University of Georgia
College of Veterinary Medicine
Athens, Georgia 30602
(404) 542-3221
177. University of Georgia
College of Veterinary Medicine
Southeastern Cooperative Wildlife
Disease Study
Veterinary Medical Building
Athens, Georgia 30602
(404) 542-1741
178. University of Georgia
Department of Botany
Athens, Georgia 30602
(404) 542-3731

179. University of Georgia
Department of Entomology
Athens, Georgia 30602
(404) 542-2816
 180. University of Georgia
Department of Forest Resources
Athens, Georgia 30602
(404) 542-2686
 181. University of Georgia
Department of Geography
Athens, Georgia 30602
(404) 542-2856
 182. University of Georgia
Department of Geology
Athens, Georgia 30602
(404) 542-2652
 183. University of Georgia
Department of Zoology
Athens, Georgia 30602
(404) 542-3310
 184. University of Georgia
Department of Zoology
Museum of Vertebrate Zoology
Athens, Georgia 30602
(404) 542-6869
 185. University of Georgia
Institute of Ecology
Athens, Georgia 30602
(404) 542-2968
 186. University of Georgia
Institute of Natural Resources
Room 13
Ecology Building
Athens, Georgia 30602
(404) 542-1555
 187. University of Georgia
Marine Extension Services

University of Georgia
Marine Extension Service (Branch)
P.O. Box 517
Brunswick, Georgia 31520
(912) 264-7268

University of Georgia
Marine Extension Service
Skidaway Institute of Oceanography
P.O. Box 13687
Savannah, Georgia 31406
(912) 356-2497

University of Georgia
Marine Sciences Program
Ecology Building
Athens, Georgia 30602
(404) 542-7671
 188. University of Georgia
Marine Institute
Sapelo Island, Georgia 31327
(912) 485-2321
 189. Valdosta State College
Valdosta, Georgia 31601
(912) 247-3226
- FEDERAL
190. Civil Aeronautics Board
1825 Connecticut Avenue NW.
Washington, D.C. 20428
(202) 382-6031
 191. Council on Environmental Quality
722 Jackson Place NW.
Washington, D.C. 20006
(202) 395-5770
 192. National Aeronautics and Space
Administration
Ames Research Center
AIRP Data Facility
Mail Stop 211-8
Moffett Field, California 94035
(415) 965-6252
 193. National Aeronautics and Space
Administration
EROS Center
User Services Unit
Sioux Falls, South Dakota 57198
(605) 594-6511 Ext. 151
 194. National Aeronautics and Space
Administration
Langley Research Center
Hampton, Virginia 23665
(804) 827-2871
 195. Smithsonian Institution
U.S. National Museum of Natural
History
10th Street and Constitution
Avenue NW.
Washington, D.C. 20560
(202) 628-4422
 196. Smithsonian Institution
U.S. National Museum of Natural
History
Department of Botany
National Herbarium
10th Street and Constitution
Avenue NW.
Washington, D.C. 20560
(202) 381-5847
 197. U.S. Army Corps of Engineers
Army Engineer Waterways Experiment
Station
P.O. Box 631
Vicksburg, Mississippi 39180
(601) 636-3111
 198. U.S. Army Corps of Engineers
Charleston District
P.O. Box 919
Charleston, South Carolina 29401
(803) 724-4305
 199. U.S. Army Corps of Engineers
Coastal Engineering Research Center
Kingman Building
Fort Belvoir, Virginia 22060
(703) 325-7000

200. U.S. Army Corps of Engineers
Savannah District
P.O. Box 889
Savannah, Georgia 31402
(912) 233-8822
201. U.S. Coast Guard
Charleston Marine Safety Office
196 Tradd Street
Charleston, South Carolina 29401
(803) 724-4218
202. U.S. Coast Guard
District 7
51 Southwest First Avenue
Miami, Florida 33130
(305) 350-5698
203. U.S. Coast Guard
Office of Recreational Boating
Safety
Washington, D.C. 20509
(202) 426-1070
204. U.S. Coast Guard
Savannah Marine Safety Office
P.O. Box 8191
Savannah, Georgia 31402
(912) 232-4321
205. U.S. Department of Agriculture
Agricultural Research Service,
Experiment Station
P.O. Box 5677
Athens, Georgia 30604
(404) 546-3311
206. U.S. Department of Agriculture
Agricultural Stabilization and
Conservation Service
240 Stoneridge Drive
Columbia, South Carolina 29204
(803) 765-5186
207. U.S. Department of Agriculture
Agricultural Stabilization and
Conservation Service
Springfield, Georgia 31329
(912) 754-6664
208. U.S. Department of Agriculture
Agricultural Stabilization and
Conservation Service
Aerial Photography Field Office
P.O. Box 30010
Salt Lake City, Utah 84125
(801) 524-5856
209. U.S. Department of Agriculture
Environmental Engineering Research
Laboratory
P.O. Box 5677
Athens, Georgia 30604
(404) 546-3538
210. U.S. Department of Agriculture
Extension Service
Clemson University
103 Barre Hall
Clemson, South Carolina 29631
(803) 656-3381
211. U.S. Department of Agriculture
Extension Service
University of Georgia
Athens, Georgia 30602
(404) 542-1971
212. U.S. Department of Agriculture
Forest Service

U.S. Department of Agriculture
Forest Service
Independence Avenue between 12th &
14th Streets SW.
Washington, D.C. 20250
(202) 447-3957

U.S. Department of Agriculture
Forest Service
Rosslyn Plaza East, Room 1207-K
1621 North Kent Street
Arlington, Virginia 22209
(703) 557-1552
213. U.S. Department of Agriculture
Forest Service Experiment Stations

U.S. Department of Agriculture
Forest Service
Southeastern Forest Experiment
Station
P.O. Box 2570
Asheville, North Carolina 28802
(704) 258-2850 Ext. 621

U.S. Department of Agriculture
Forest Service
Southeastern Forest Experiment
Station
Forestry Sciences Laboratory
2730 Savannah Highway
Charleston, South Carolina 29407
(803) 556-4860

U.S. Department of Agriculture
Forest Service
Southeastern Forest Experiment
Station
Southern Forest Fire Lab
P.O. Box 5106
Macon, Georgia 31208
(912) 746-8595

U.S. Department of Agriculture
Forest Service
Southern Forest Experiment
Station
Room T-10210, U.S. Postal Services
Building
701 Loyola Avenue
New Orleans, Louisiana 70113
(504) 589-3935
214. U.S. Department of Agriculture
Forest Service
Southeastern Forest Experiment
Station
Southern Forest Fire Lab
P.O. Box 5106
Macon, Georgia 31208
(912) 746-8595

215. U.S. Department of Agriculture
Forest Service
State and Private Forestry
1720 Peachtree Road NW.
Atlanta, Georgia 30309
(404) 526-5964
216. U.S. Department of Agriculture
Forest Service
Wildlife and Fisheries Staff
P.O. Box 2417
Washington, D.C. 20013
(703) 235-8015
217. U.S. Department of Agriculture
Soil Conservation Service
Independence Avenue between 12th &
14th Streets SW.
Washington, D.C. 20250
(202) 447-4543
218. U.S. Department of Agriculture
Soil Conservation Service
Cartographic Division
Federal Building
Hyattsville, Maryland 20782
(301) 436-8187
219. U.S. Department of Agriculture
Soil Conservation Service
Georgia
- U.S. Department of Agriculture
Soil Conservation Service
Bryan County Office
P.O. Box 86
Pembroke, Georgia 31321
(912) 653-2940
- U.S. Department of Agriculture
Soil Conservation Service
Camden County Office (out of
Charlton County)
P.O. Box 476
Folkston, Georgia 31537
(912) 496-2398
- U.S. Department of Agriculture
Soil Conservation Service
Chatham County Office
P.O. Box 9381
Savannah, Georgia 31402
(912) 236-0761
- U.S. Department of Agriculture
Soil Conservation Service
Effingham County Office
P.O. Box 185
Springfield, Georgia 31329
(912) 754-3812
- U.S. Department of Agriculture
Soil Conservation Service
Federal Building, 355 East Hancock
Avenue
P.O. Box 832
Athens, Georgia 30603
(404) 546-2278
- U.S. Department of Agriculture
Soil Conservation Service
Glynn County Office
P.O. Box 1821
Brunswick, Georgia 31520
(912) 265-8092
- U.S. Department of Agriculture
Soil Conservation Service
Liberty County Office
P.O. Box 615
Hinesville, Georgia 31313
(912) 876-8141
220. U.S. Department of Agriculture
Soil Conservation Service
South Carolina
- U.S. Department of Agriculture
Soil Conservation Service
240 Stoneridge Drive
Columbia, South Carolina 29210
(803) 765-5682
- U.S. Department of Agriculture
Soil Conservation Service
Beaufort County Office
P.O. Box 1004
Beaufort, South Carolina 29002
(803) 524-2721
- U.S. Department of Agriculture
Soil Conservation Service
Berkeley County Office
P.O. Box 668
Moncks Corner, South Carolina 29461
(803) 899-3558
- U.S. Department of Agriculture
Soil Conservation Service
Charleston County Office
Federal Building
Charleston, South Carolina 29401
(803) 724-4266
- U.S. Department of Agriculture
Soil Conservation Service
Colleton County Office
County Agriculture Building
Walterboro, South Carolina 29488
(803) 549-1812
- U.S. Department of Agriculture
Soil Conservation Service
Dorchester County Office
P.O. Box 476
St. George, South Carolina 29477
(803) 563-3412
- U.S. Department of Agriculture
Soil Conservation Service
Georgetown County Office
P.O. Box 611
Georgetown, South Carolina 29400
(803) 546-7808
- U.S. Department of Agriculture
Soil Conservation Service
Jasper County Office
Drawer K
Ridgeland, South Carolina 29936
(803) 726-8146
221. U.S. Department of Agriculture
Statistical Reporting Service
1861 West Broad Street
Athens, Georgia 30601
(404) 546-2236

222. U.S. Department of Commerce
Bureau of the Census
Washington, D.C. 20233
(301) 440-1296
223. U.S. Department of Commerce
Coastal Plains Regional Commission
215 East Bay Street
Charleston, South Carolina 29401
(803) 724-4250
224. U.S. Department of Commerce
Domestic and International Business
Administration
1365 Peachtree Street NE., Suite 600
Atlanta, Georgia 30309
(404) 881-7000
225. U.S. Department of Commerce
Domestic and International Business
Administration
2611 Forest Drive, Forest Center
Columbia, South Carolina 29204
(803) 765-5345
226. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
Coastal Energy Impact Program
3300 Whitehaven Street NW.
Washington, D.C. 20235
(202) 634-4249
227. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
Environmental Data Service
National Climatic Center
Federal Building
Asheville, North Carolina 28801
(704) 258-2850
228. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
(F33)
3300 Whitehaven Street NW.
Washington, D.C. 20235
(202) 655-4000
229. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
Southeast Fisheries Center
Miami Laboratory
75 Virginia Beach Drive
Miami, Florida 33149
(305) 361-5761
230. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
Southeastern Fisheries Center
Beaufort Laboratory
Beaufort, North Carolina 28516
(919) 728-4595
231. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
Southeastern Fisheries Center
P.O. Box 12607
Charleston, South Carolina 29412
(803) 724-4770
232. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Ocean Survey
6001 Executive Boulevard
Rockville, Maryland 20852
(301) 443-8031
233. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Ocean Survey
Coastal Mapping Division, C3415
Rockville, Maryland 20852
(301) 443-8601
234. U.S. Department of Commerce
National Oceanic and Atmospheric
Administration
National Ocean Survey
Tides and Water Level Branch
Rockville, Maryland 20852
(301) 443-8467
235. U.S. Department of Commerce
Office of Coastal Zone Management
3300 Whitehaven Street NW.
Washington, D.C. 20235
(202) 634-4232
236. U.S. Department of Commerce
South Atlantic Fishery Management
Council
Southpark Building, Suite 306
1 Southpark Circle
Charleston, South Carolina 29407
(803) 571-4366
237. U.S. Department of Energy
Washington, D.C. 20545
(301) 353-3000
238. U.S. Department of Energy
Savannah River Ecology Laboratory
P.O. Drawer E
Aiken, South Carolina 29801
(803) 725-6211
239. U.S. Department of Health, Education
and Welfare
Department of Education
1200 19th Street NW.
Washington, D.C. 20202
(202) 254-5100
240. U.S. Department of Health, Education
and Welfare
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20852
(301) 443-1544

241. U.S. Department of Health, Education and Welfare
National Institutes of Health
Division of Geographical Medicine and Genetics
Bethesda, Maryland 20014
(301) 496-4000
242. U.S. Department of Health, Education and Welfare
Public Health Service
Center for Disease Control
Atlanta, Georgia 30333
(404) 633-3286
243. U.S. Department of Health, Education and Welfare
Public Health Service
Robert A. Taft Laboratory
4676 Columbia Parkway
Cincinnati, Ohio 45226
(513) 684-8211
244. U.S. Department of Housing and Urban Development
451 Seventh Street SW.
Washington, D.C. 20410
(202) 755-6270
245. U.S. Department of the Interior
Bureau of Land Management
Washington, D.C. 20240
(202) 343-3801
246. U.S. Department of the Interior
Bureau of Land Management
New Orleans Outer Continental Shelf Office
Hale Boggs Federal Building
500 Camp Street, Suite 841
New Orleans, Louisiana 70130
(504) 589-6541
247. U.S. Department of the Interior
Bureau of Mines
College Park Research Center
College Park, Maryland 20740
(301) 344-4019
248. U.S. Department of the Interior
Cooperative Fish and Wildlife Unit
University of Georgia School of Forest Resources
Athens, Georgia 30602
(404) 546-2234
249. U.S. Department of the Interior
Fish and Wildlife Service

U.S. Department of the Interior
Fish and Wildlife Service
C Street between 18th and 19th Streets NW.
Washington, D.C. 20242
(202) 343-5634

U.S. Department of the Interior
Fish and Wildlife Service
Union Carbide Building
17 Executive Park Drive NE.
Atlanta, Georgia 30329
(404) 881-4876
250. U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory
9620 Executive Center Drive,
Suite 217
St. Petersburg, Florida 33702
(813) 893-3624
251. U.S. Department of the Interior
Fish and Wildlife Service
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Washington, D.C. 20242
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Washington, D.C. 20212
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Washington, D.C. 20037
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 292. Conservation Foundation, Inc.
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Madison, Wisconsin 53706
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335. Virginia Institute of Marine Sciences
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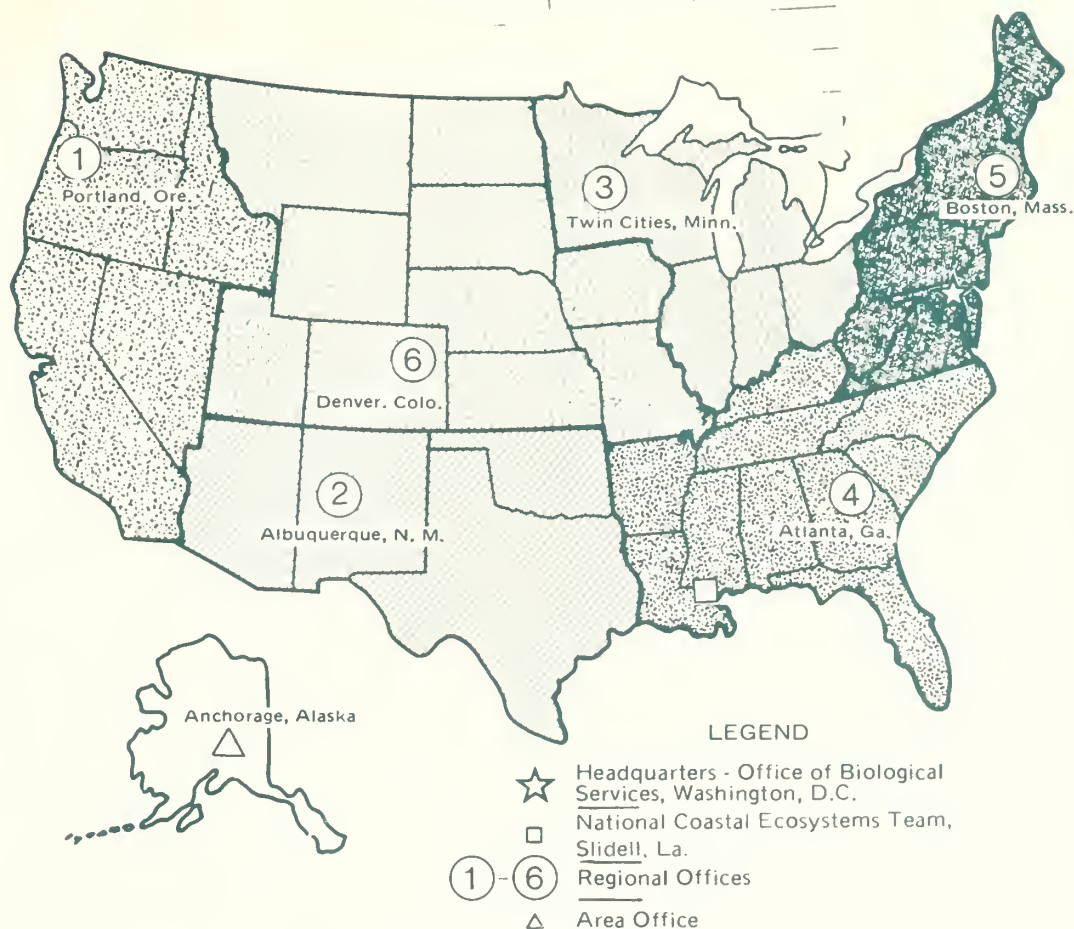
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