

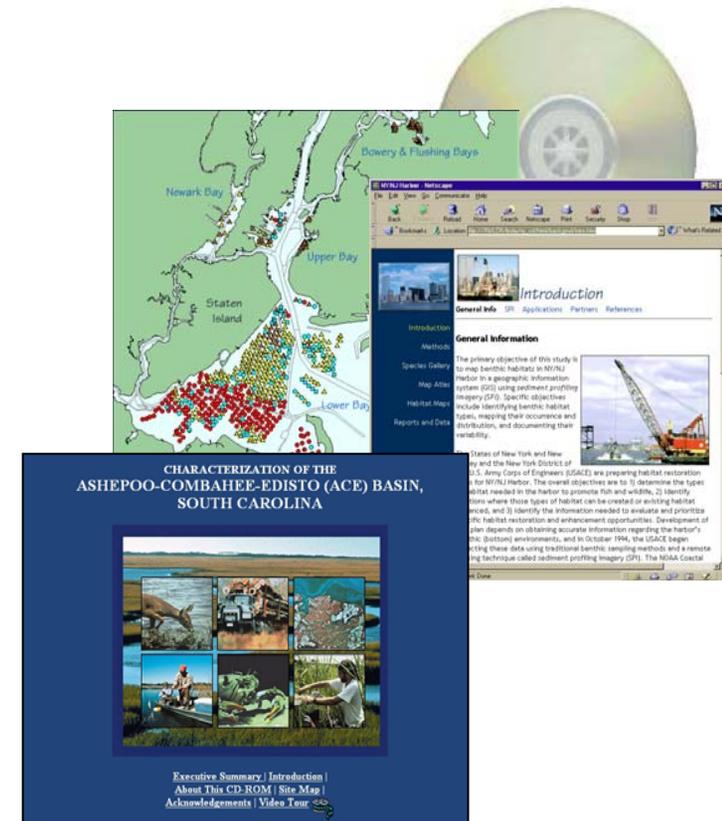


NOAA Coastal Services Center

LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

Landscape Characterization & Restoration Program

- Federal Staff
 - Pace Wilber, Ph.D. (marine ecologist)
 - Jeffery Adkins (economist)
- Technical Support Contractors
 - Lori Sutter (ecologist)
 - Linda Iocco (marine biologist)
 - Bethney Ward (environmental scientist)
 - Pete von Loewe (environmental scientist)
- Interns
 - Rachel Kornfeld (environmental engineer)
 - Joyce Arrington (web programmer)

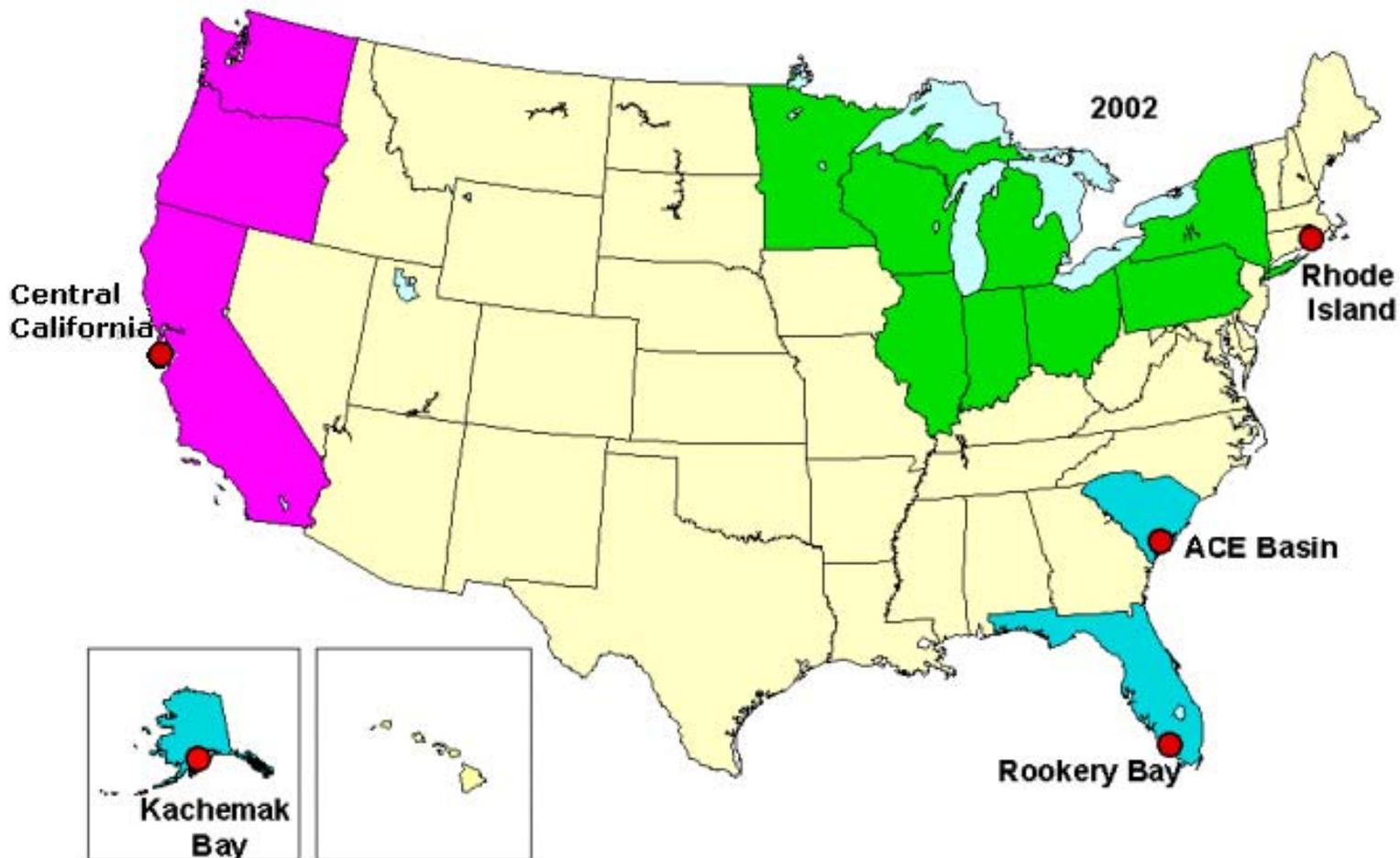


Our Primary Product

-- the Environmental Characterization

- Environmental Characterizations provide comprehensive information about a particular area's environment, people, and issues. The resulting inventory is used as a management tool, educational resource, and an historical reference.
 - Environmental, geophysical, historical, socioeconomic information
 - Spatial data, maps, GIS tutorials, decision-making models
 - Information management tools (e.g., searchable bibliographies and databases, site search tools)

Geographically Focused Characterizations



Issue-Based Characterizations

- Beach Nourishment
- Benthic Mapping
- Watershed Assessments
- Dredging



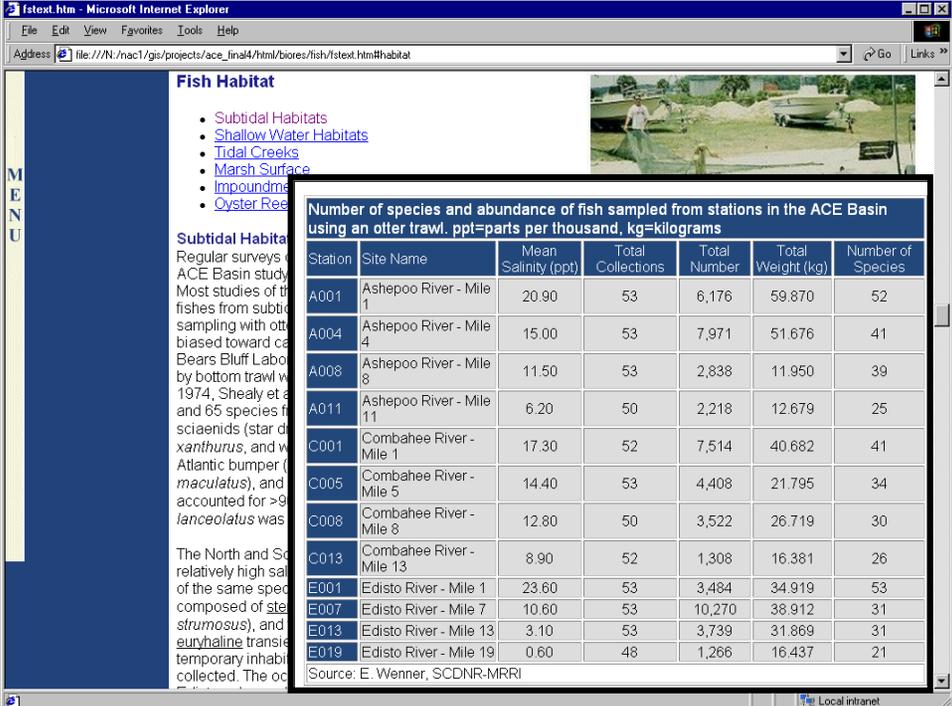
Issue-Based Characterization: Beach Nourishment, Atlantic & Gulf Coasts

- Snapshot of Ongoing Beach Nourishment Activities
- Coastal Geology
- Engineering
- Socioeconomic Factors
- Law and Policy
- Coastal Ecology
- IMS Interface
- Community Perspectives



Technical Approach

- Primary Audiences
- Scientific Papers: Literature Review & Synthesis
- Non-Technical Articles
- Published as Web site and CD-ROM



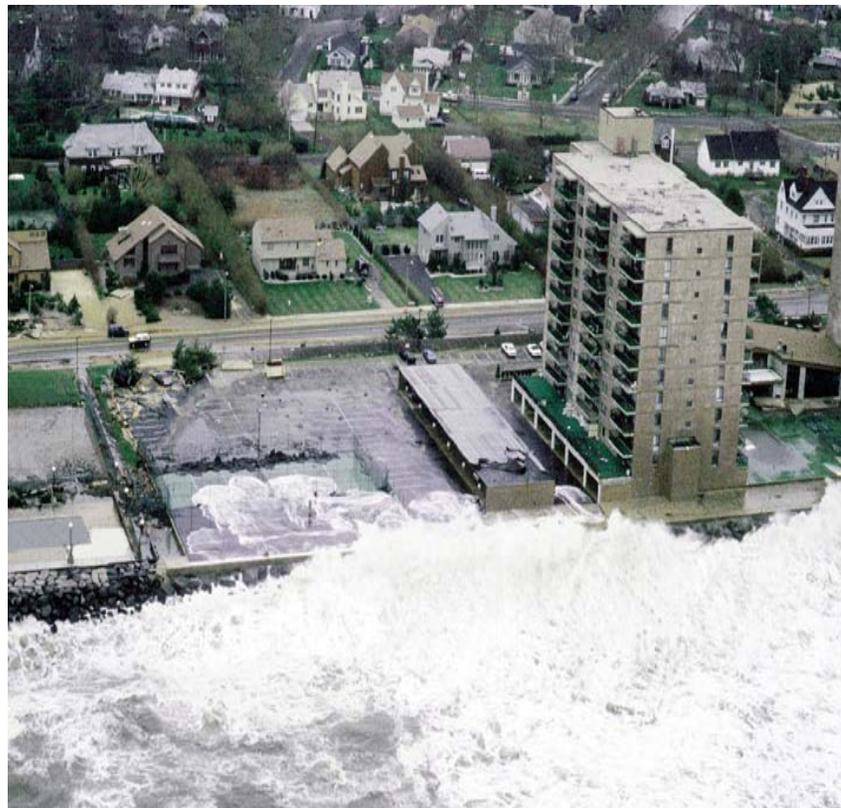
The screenshot shows a web browser window titled 'fshext.htm - Microsoft Internet Explorer'. The address bar shows a local file path. The page content includes a 'Fish Habitat' section with a list of links: Subtidal Habitats, Shallow Water Habitats, Tidal Creeks, Marsh Surface, Impoundments, and Oyster Reefs. Below this is a section titled 'Subtidal Habitats' with text describing regular surveys in the ACE Basin study. A table titled 'Number of species and abundance of fish sampled from stations in the ACE Basin using an otter trawl. ppt=parts per thousand, kg=kilograms' is displayed. The table has columns for Station, Site Name, Mean Salinity (ppt), Total Collections, Total Number, Total Weight (kg), and Number of Species. The data rows are as follows:

Station	Site Name	Mean Salinity (ppt)	Total Collections	Total Number	Total Weight (kg)	Number of Species
A001	Ashepoo River - Mile 1	20.90	53	6,176	59.870	52
A004	Ashepoo River - Mile 4	15.00	53	7,971	51.676	41
A008	Ashepoo River - Mile 8	11.50	53	2,838	11.950	39
A011	Ashepoo River - Mile 11	6.20	50	2,218	12.679	25
C001	Combahee River - Mile 1	17.30	52	7,514	40.682	41
C005	Combahee River - Mile 5	14.40	53	4,408	21.795	34
C008	Combahee River - Mile 8	12.80	50	3,522	26.719	30
C013	Combahee River - Mile 13	8.90	52	1,308	16.381	26
E001	Edisto River - Mile 1	23.60	53	3,484	34.919	53
E007	Edisto River - Mile 7	10.60	53	10,270	38.912	31
E013	Edisto River - Mile 13	3.10	53	3,739	31.869	31
E019	Edisto River - Mile 19	0.60	48	1,266	16.437	21

Source: E. Wenner, SCDNR-MRRI

Snapshot of Ongoing Beach Nourishment Activities

- Where Beach Nourishment is Occurring
- Who Is Funding Beach Nourishment Projects
- Project Purposes



Coastal Geology

- Overview
- Human Impacts
- Models



Engineering

- Methodologies
- Design Considerations
- Best Practices



Socioeconomic Factors



- **Macroeconomic Considerations**
- **Microeconomic Considerations**
- **Other Social and Demographic Considerations**
- **Models**

Law and Policy

- Regulatory Law
- Federal Beach Nourishment Programs
- Property Laws, Other



Coastal Ecological Characterization

Ecosystem Description _____

Physical Environment

Estuarine Environment

Terrestrial Environment

Species of KBEC

Environmental Considerations

Habitat Galleries

Species Galleries

Community Perspectives

- Solicited Expert Opinion
- Public Opinions
- Directed Professional Dialogs



Schedule

- Begin Content Development Sep 2001
- Draft on Internet Jun 2002
- Final Web site Sep 2002

User Input

- Contributing Content
- Content Review
- Web Site Review
- Steering Team
- Host Web Site

