

Section 309 Assessment and Strategy



November 9, 2010

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Georgia CMP Staff

309 Assessment Results



309 Assessment Results

Enhancement Area	2005 Priority	2010 Priority
Wetlands	H	M
Coastal Hazards	M	H
Public Access	M	M
Marine Debris	L	H
Cumulative & Secondary Impacts	H	H
Special Area Management	M	M
Ocean Resources	M	H
Energy/Gov't Facility Siting	L	M
Aquaculture	H	M

Wetlands



Development of a Coastal Compliance and Enforcement Program



Wetlands



Coastal Wetlands Restoration Program

- **Inventory of degraded salt marsh sites**
- Updated NWI maps for 6 coastal counties
- Upcoming NWI Plus Functional Assessment
- Inventory of armored shorelines
- Living Shoreline Demo Project



Wetlands



Coastal Wetlands Restoration Program

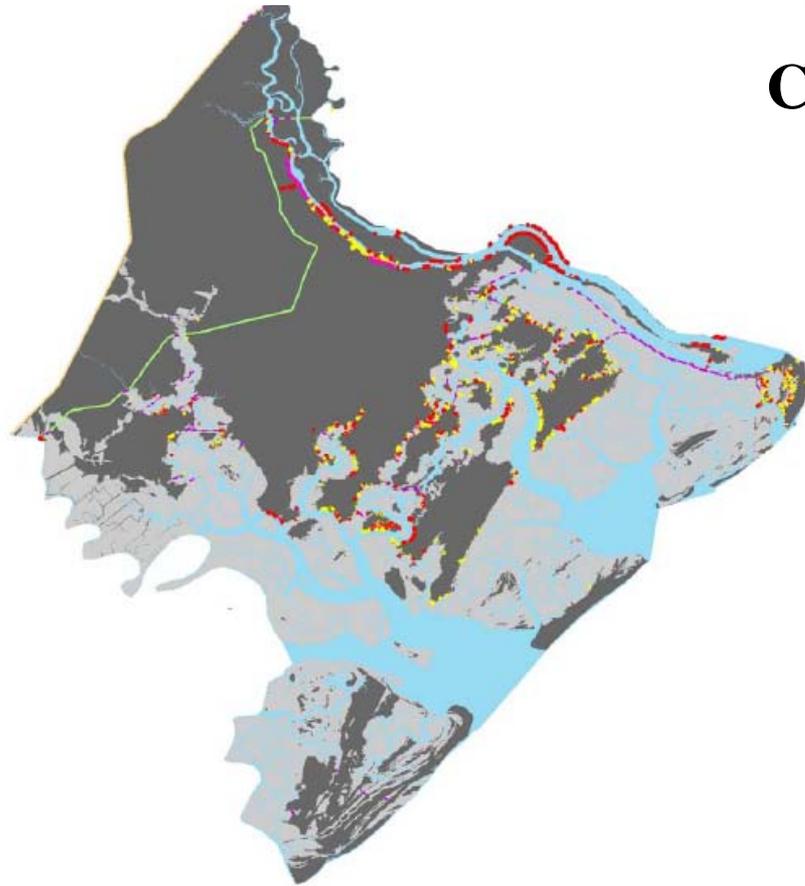
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Wetlands



Coastal Wetlands Restoration Program



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- Living Shoreline Demo Project

Living Shoreline Demonstration Project



Department of Natural Resources
Coastal Resources Division

Living Shoreline Demonstration Project



Aquaculture



- Mapping the extent of coastal Georgia's oyster reefs in 4 coastal counties
- Evaluation of State policies and procedures related to oyster restoration
- Remedied inconsistencies within the Rules for Water Quality with EPD

Public Access



A Visitor's Guide to Accessing Georgia's Coastal Resources



Beaches & Barrier Islands



Cultural & Historic Sites



Cypress Photos: James Holland



Rivers & Waterways



Wildlife Viewing & Walking Trails



FREE COPY - NOT FOR SALE

Department of Natural Resources
Coastal Resources Division



Marine Debris

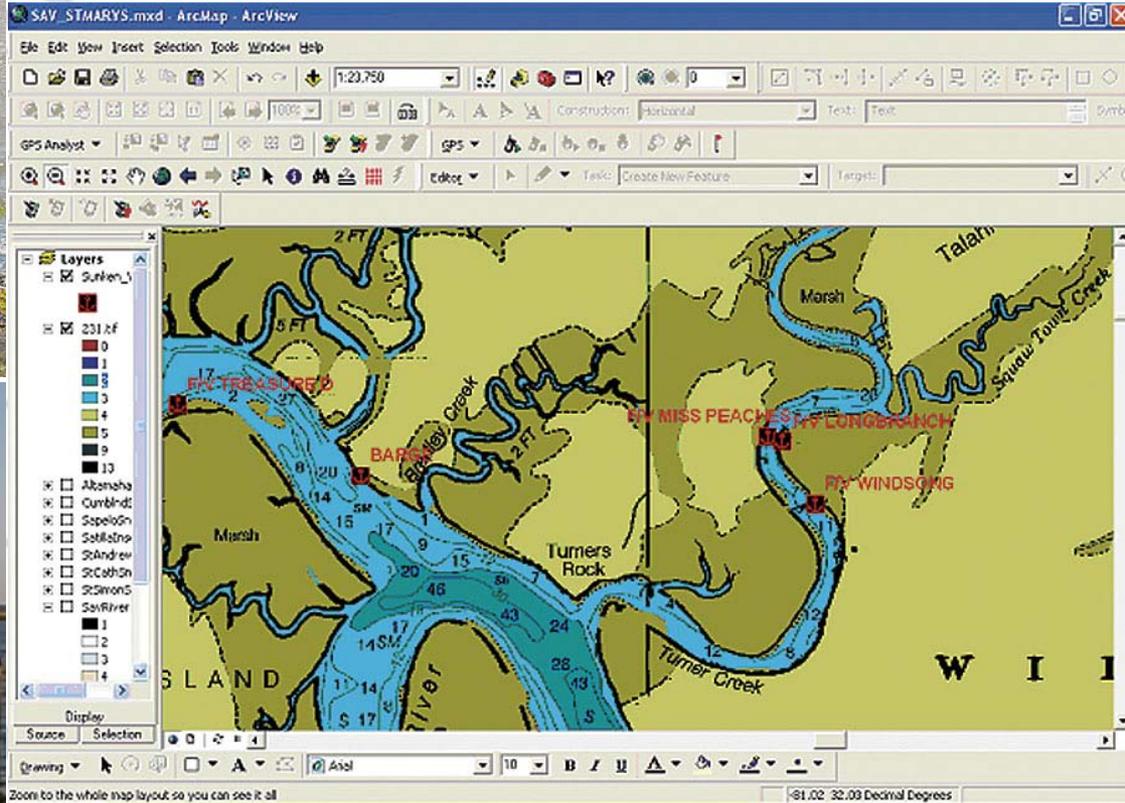


Photo: Paul Christian

Cumulative and Secondary Impacts

GREEN GROWTH GUIDELINES



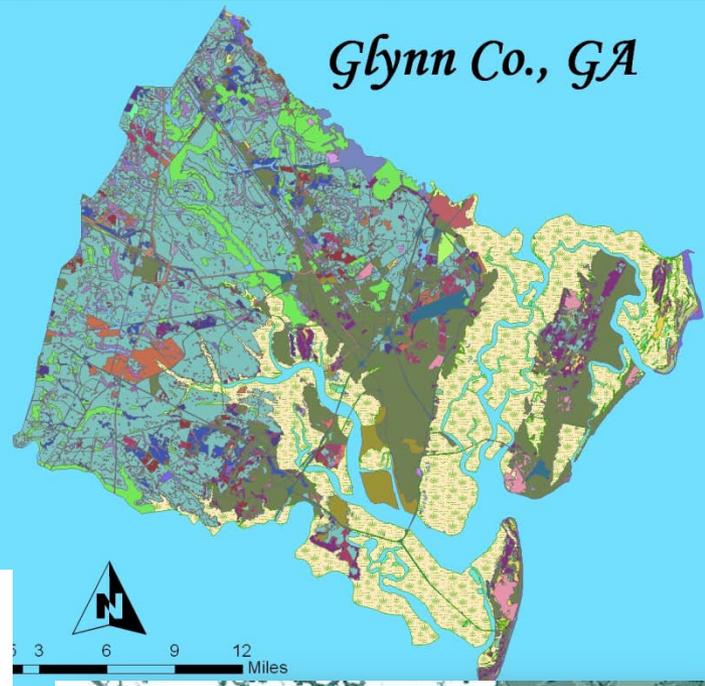
Photos Courtesy of Richard Lee Johnson

SITE FINGERPRINTING
DESIGNING WITH THE LANDFORM
STORMWATER STRATEGIES
BANK STABILIZATION TECHNIQUES



- Glynn County Correlations**
- Conifer
 - Decid
 - Atlantic Coast Maritime Shrub
 - Atlantic Coastal Ridge Swamp Forest
 - Atlantic Coastal Plain - Bald Cypress - Water Tupelo Blackwater Small Stream Swamp Forest
 - Blackberry - Oxycoccus Succulent Stand Tallgrass
 - Brickyard Wetland Forest
 - Brownwater Openedge Tupelo Swamp
 - Canal
 - Carolina Yellow Birchland
 - Coastal Live Oak - Cabbage Palmetto Marsh Hammock
 - Coastal Marsh Coastal Plain Tall and Shrubby Tidal Marsh
 - Coastal
 - Coastal Plain - Spruce Pine - Oak Swamp Forest
 - Coastal Tall Shrub Thicket
 - Cypress - Tupelo Semi-permanently Flooded Brownwater Swamp
 - Development
 - Florida Mid-Successional Loblolly Pine Forest
 - Blue Oak Coastal Plain Baldgum Dome Swamp
 - Flora Suppressed Loblolly Stand
 - Oak Grove
 - Industrial
 - Live Oak - Swamp - (Other) Mid-Successional Marsh
 - Loblolly Bay Forest
 - Loblolly Pine Plantation
 - Maritime Live Oak Hammock
 - Mid to Late Successional Loblolly Pine - Swampy Forest
 - Mid to Late Successional Short Pine Wetland Forest
 - Old Coastal Plain Swamps Swamp Forest
 - Open Oak - Water Hickory Broadleaf Forest
 - Palmetto Wetland
 - Pinelands Depression Forest
 - Pinelands LAR
 - Pinelands/Shortleaf
 - Quarry/Wetland
 - Red Maple - Swamp Baldgum Maritime Swamp Forest
 - River Bank Live Oak Forest
 - Road Marsh
 - Sand Crispin - Southern Yellow Redwood Vegetation
 - Sand Crispin Interlake Shrub
 - Sandhill Swamp Baldgum Maritime Forest
 - Sandhill Swamp Baldgum Marsh Swamp Forest
 - Savanna Wood
 - Sea Oak/Tupelo/Hickory/Maritime Hammock
 - Shoal - Marsh - Personal Wetland Vegetation
 - Shoal - Shrubland / Campylopus - Tallgrass Wetland - (Shoal) Wetland Vegetation
 - Shoal - Swamp - Marsh - (Shoal) Wetland Vegetation
 - Short Pine Wetland
 - South Atlantic Coastal Plain Loblolly Wetland
 - South Atlantic Coastal Plain Middle Woodland
 - South Atlantic Swamp Wood
 - South Atlantic Upper Ocean Beach
 - South Atlantic Reticulate Hammock
 - Southern Marsh Coastal Plain Carolina Yellow Dome Swamp
 - Southern Marsh Coastal Plain Depression Forest
 - Southern Coastal Marsh
 - Southern Wetland - Submarine Corals - Deep Floored Wetland Vegetation

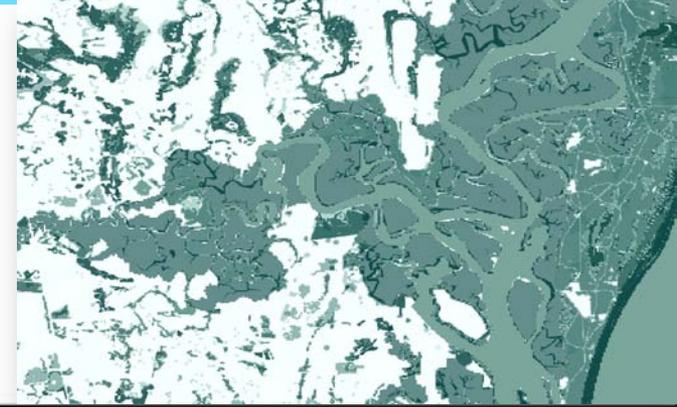
Glynn Co., GA



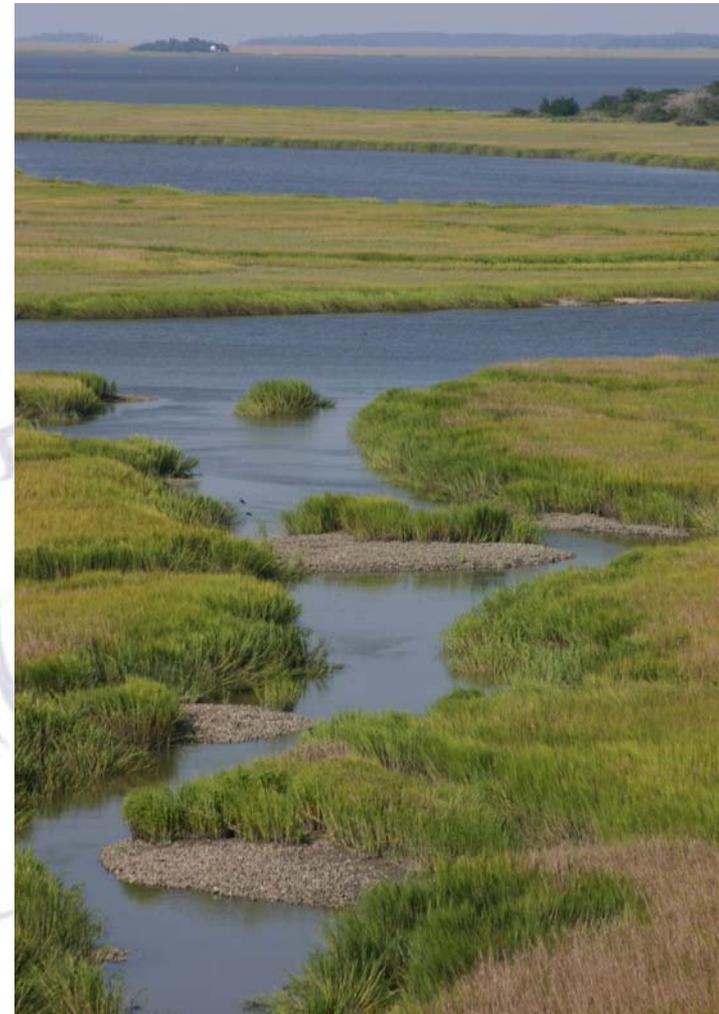
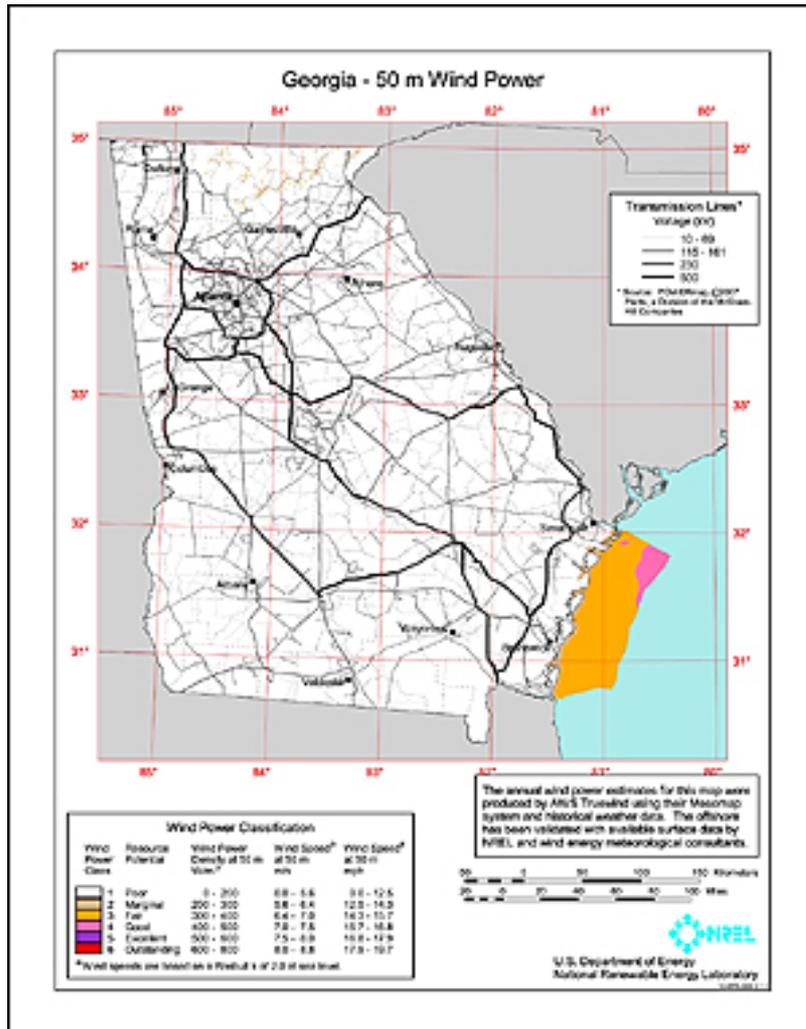
Coastal Georgia Elevation Project



For more information on the Coastal Georgia Elevation Project contact: Chris Chalmers at Coastal Georgia Regional Development Center (912)261-2800 or cchalmers@coastalgeorgia.org



SAMP & Facility Siting



309 Strategy: Ocean Resources



Georgia Ocean Planning Initiative:

- Goal is to address data and policy gaps in managing ocean resources by:
 - Evaluating state policies and authorities for managing ocean activities
 - Collecting publicly available ecological, biological, physical, and human use data
 - Engaging stakeholders

309 Strategy: Ocean Resources



Georgia Ocean Planning Initiative Outcomes:

- A Coastal and Marine Spatial Plan that combines available coastal and ocean data into a single GIS format useable by coastal managers, and state and federal regulators
- A guidance document that provides a framework for how resources and activities in State coastal waters may be managed
- New or revised state ocean management policies as deemed appropriate
- Better coordination and communication among state and federal resource managers

309 Strategy: Coastal Hazards



Post-Disaster Redevelopment Planning:

- Goal is to engage coastal local governments in post-disaster redevelopment planning and preparedness by:
 - Developing a template for post-disaster redevelopment plans suited for the 11-county coastal area
 - Conducting a pilot planning project in one coastal (ocean-facing) community and in one inland community
 - Implementing a hazards outreach and education program

309 Strategy: Coastal Hazards



Post-Disaster Redevelopment Planning Outcomes:

- A guidance document for local governments that addresses issues related to coastal storms, sea level rise, and hazards resulting from marine debris
 - To be published in Green Growth Guidelines
- Two pilot community post-disaster redevelopment plans
- Education and outreach on the importance of disaster planning
- A more prepared coast!

Questions?



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