Georgia Coastal Management Program

- Mission: balance economic development with preservation and conservation of coastal resources
- Part of a federal-state Coastal Management Program partnership with NOAA.
- Additional support from EPA
- GCMP Service Area: 11-coastal counties
Marsh and Shore Permitting Program

- Manages uses of Georgia’s coastal marshlands, sand-sharing systems, and tidal water bottoms.
  - Permitting
  - Intergovernmental coordination
- Uses research to support regulatory decision-making:
  - Dock shading study (C. Alexander)
  - Marsh wrack study (M. Alber)
Coastal and Ocean Management Program

- Focus Areas:
  - Green Growth
  - Public Access
  - Coastal Hazards
  - GIS: data and applications
- Coastal and Marine Planning
- Wetlands & Shorelines
- Beach & Estuarine Water Quality Monitoring
- Shellfish Program
- Coastal Incentive Grants

Georgia Department of Natural Resources
Coastal Resources Division
Green Growth

Kingsland Sustainable Community

CRD Clean Vessel Program

Focusing on building, planning and other best management strategies that preserve and/or protect coastal natural resources:

- Low Impact Development
- Better Site Design
Coastal Hazards

Focusing on:
- Community Resiliency
- Post-Disaster Redevelopment Planning
- Understanding potential impacts from “long-term hazards”:
  - Sea level rise
  - Increased storm frequency
  - Increased shoreline erosion
  - Frequency of drought
Wetlands & Shorelines

Monitoring Marsh Dieback

Living Shoreline Demonstrations

Improving management of salt and tidal freshwater wetland systems:

- Assessing wetland health
- Monitoring saltmarsh dieback
- Promoting wetland restoration
- Managing dynamic shorelines and evaluating living shoreline potential
  - Assist property owners and provide guidance on design and implementation
Shellfish Program

Managing the State’s oyster and clam resources for harvest and safe public consumption:

- Routine water quality monitoring for fecal contamination
- Resource management:
  - Stock inventories
  - Restoration/enhancement of public harvest areas
- Commercial and recreational harvest:
  - Designating growing areas
  - Permitting harvesters
  - Opening and closing seasons
  - Facilitating aquaculture development and providing funding for Oyster Hatchery
Georgia Department of Natural Resources
Coastal Resources Division

Beach and Estuarine Water Quality Monitoring Programs

Routine monitoring of Georgia’s coastal waters:

- Beach Water Quality Monitoring
  - Weekly/monthly samples at public swimming beaches (ocean and estuarine)
  - Public notification system for beaches exceeding federal thresholds

- Nutrient Monitoring:
  - Variety of parameters collected at select Shellfish monitoring stations
  - Drought monitoring

- Data provided to GCRC for Water Quality Indicators Reports
Public Access and Land Conservation

Enabling communities to preserve and enhance special places and provide public access to coastal water resources:

- Boardwalks & trails
- Acquisition of valuable habitats

Ebenezer Crossing Acquisition

A view of the Historic Baptismal Site.
Coastal and Marine Planning

**Georgia Coastal and Marine Planning (GCAMP) Program Enhancement Area:**
Developing tools to share data and enhance understanding of coastal and marine resources and their uses (biological, commercial, recreational, etc.)
GIS Data and Support

Funding and staff support to provide GIS data and resources:

- CIG funding for:
  - Coastal regional LIDAR
  - Coastal regional aerial imagery (2012)

- Supporting creation/maintenance of coastal resources datasets: artificial reefs, wetlands, fisheries, CIG products, etc.

- Partnership and/or funding for web-based data portals:
  - GCAMP
  - Governors’ South Atlantic Alliance
Coastal Incentive Grant Program

Since 1998, 408 projects have been funded for $17,806,838. More than $18,078,981 in match has been contributed by grant recipients.

Grant Recipients
- University: 56%
- Local Govt.: 36%
- State: 8%

Project Types
- Planning: 35%
- Research: 41%
- Construction: 10%
- Education: 14%
Coastal Incentive Grants: Request for Proposals

Letter of Intent (Required):

Due: Friday, October 30, 2015

Include:
- Description of project
- Relationship to management needs
- Estimate of annual funding request

Must be received in CRD office by 4:30. Email submittal to: stefanie.nagid@dnr.ga.gov
Coastal Incentive Grants: Request for Proposals

Full Proposals due January 22, 2016

Maximum Award: $80,000/year (non-construction)

Funding Term: 2 years
Coastal Incentive Grants: Funding Themes

- Oceans and Wetlands
- Sustainable Communities
- Disaster Resiliency and Coastal Hazards
- Public Access and Land Conservation
CRD identified a non-prioritized list of information needs and gaps to help researchers better understand current management needs:

- Coastal Hazards
- Coastal Habitats
- Water and Sediment Quality/Quantity
- Marine Fisheries

See Handout!