



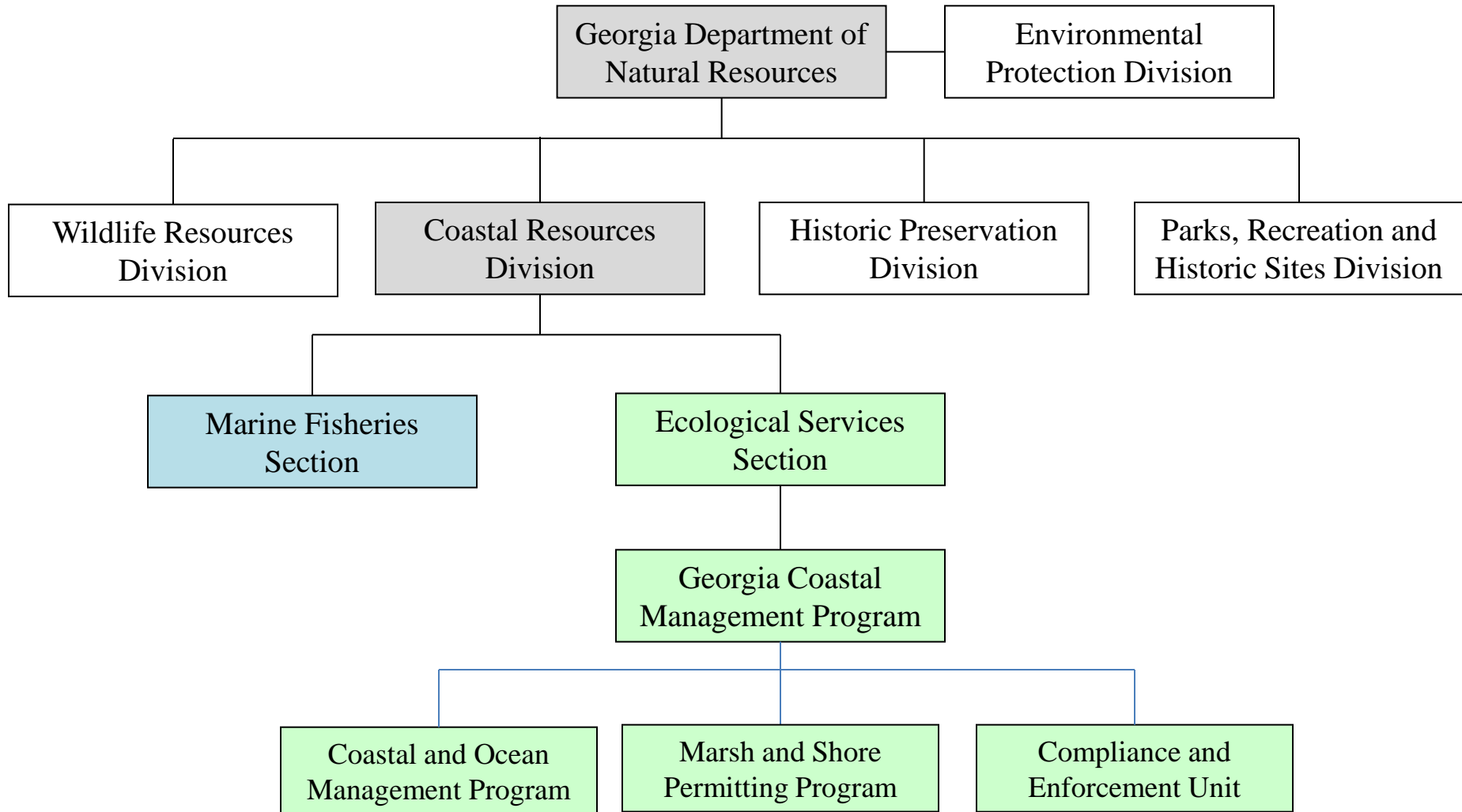
Georgia Coastal Management Program



October 28, 2015

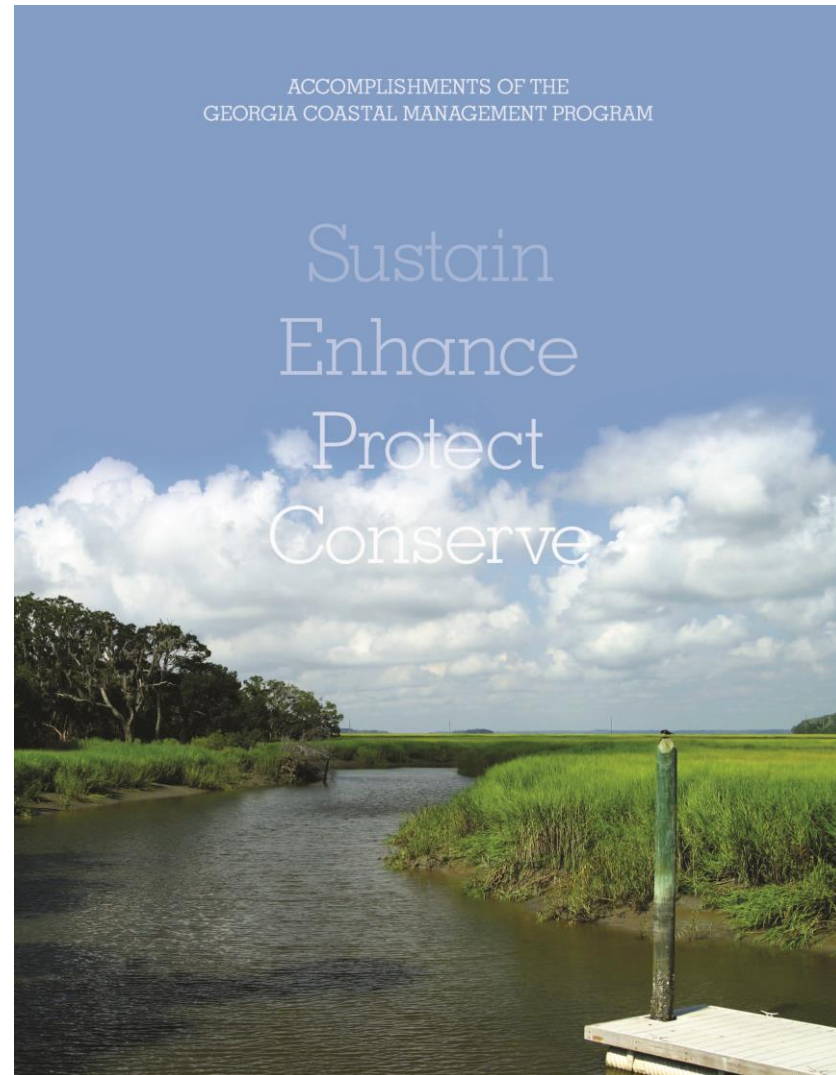
Jill H. Andrews, Manager
Coastal and Ocean Management Program

Georgia Department of Natural Resources



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

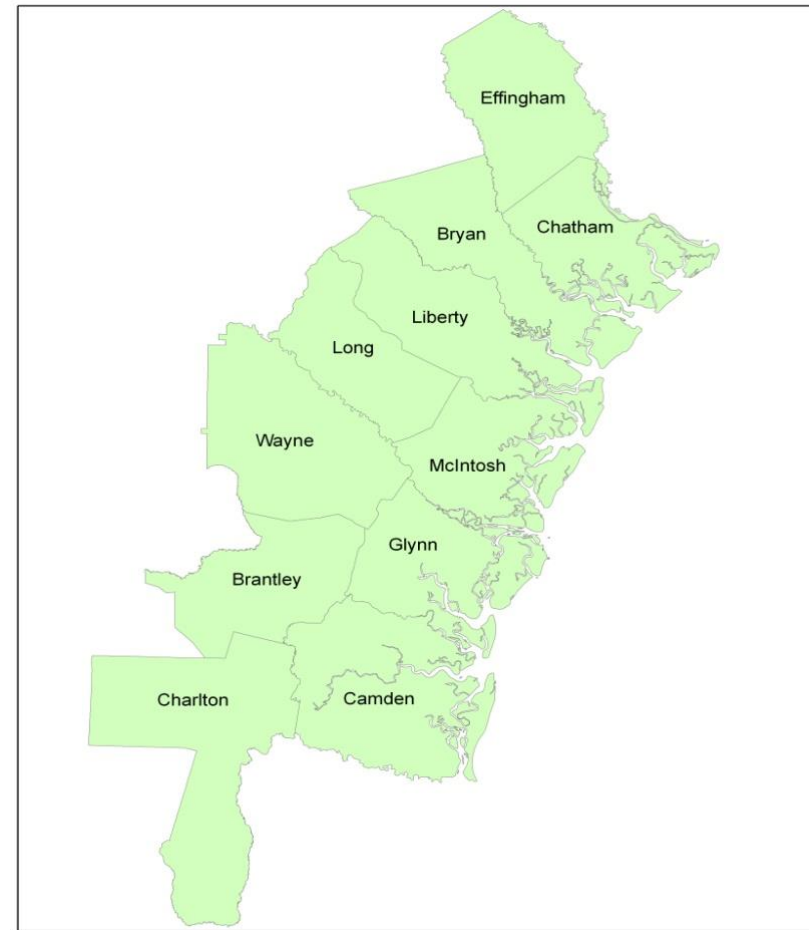
- ❑ Manages uses of Georgia's coastal marshlands, sand-sharing systems, and tidal water bottoms.
 - ❑ Permitting
 - ❑ Intergovernmental coordination
- ❑ Uses research to support regulatory decision-making:
 - ❑ Dock shading study (C. Alexander)
 - ❑ Marsh wrack study (M. Alber)



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

GCMP Service Area



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

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



A view of the Historic Baptismal Site.



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

- Boardwalks & trails
- Acquisition of valuable habitats

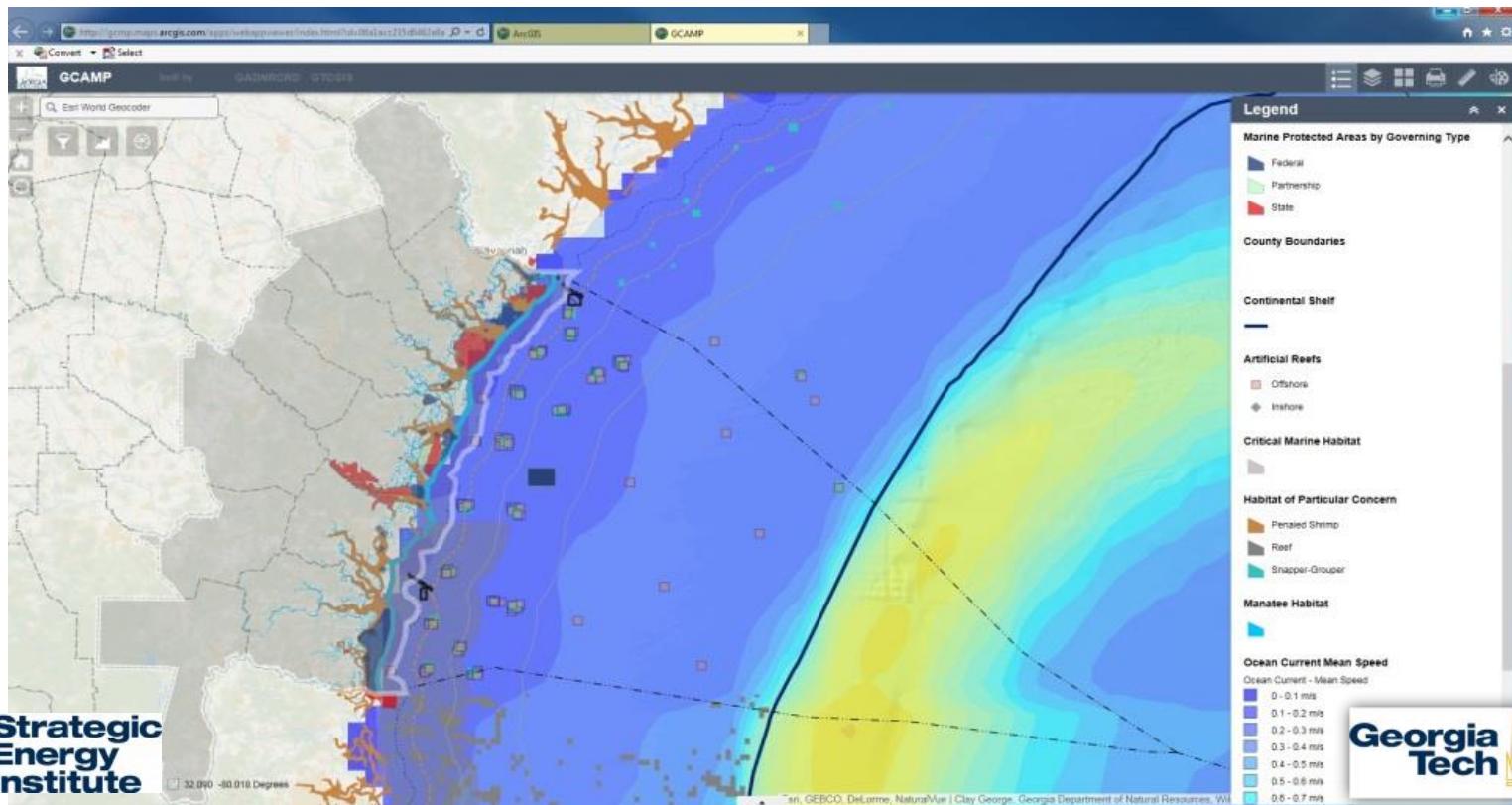
Ebenezer Crossing Acquisition



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.)

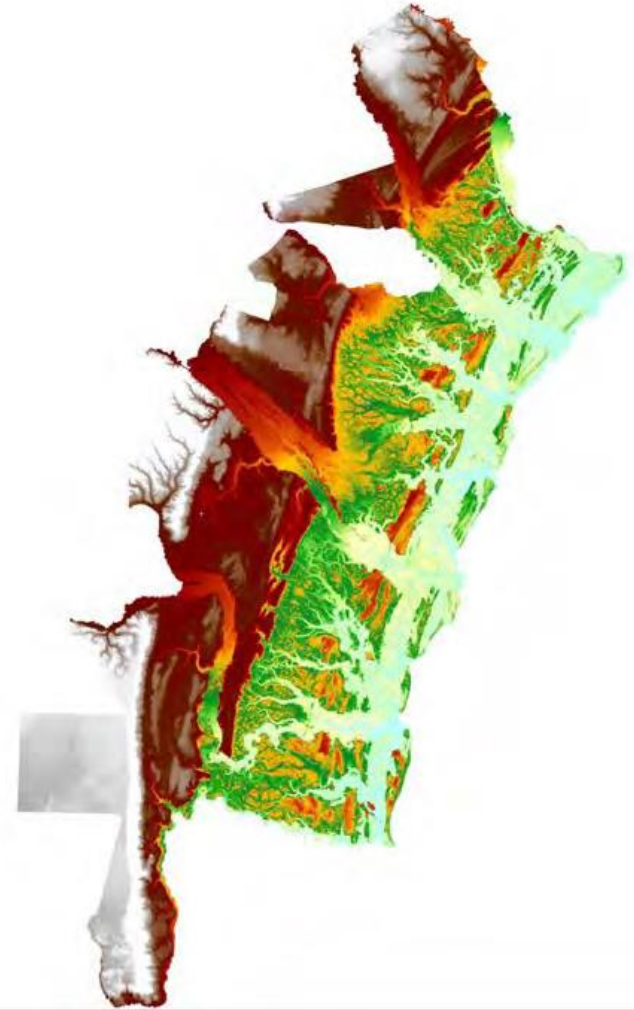


Georgia Department of Natural Resources
Coastal Resources Division

GIS Data and Support

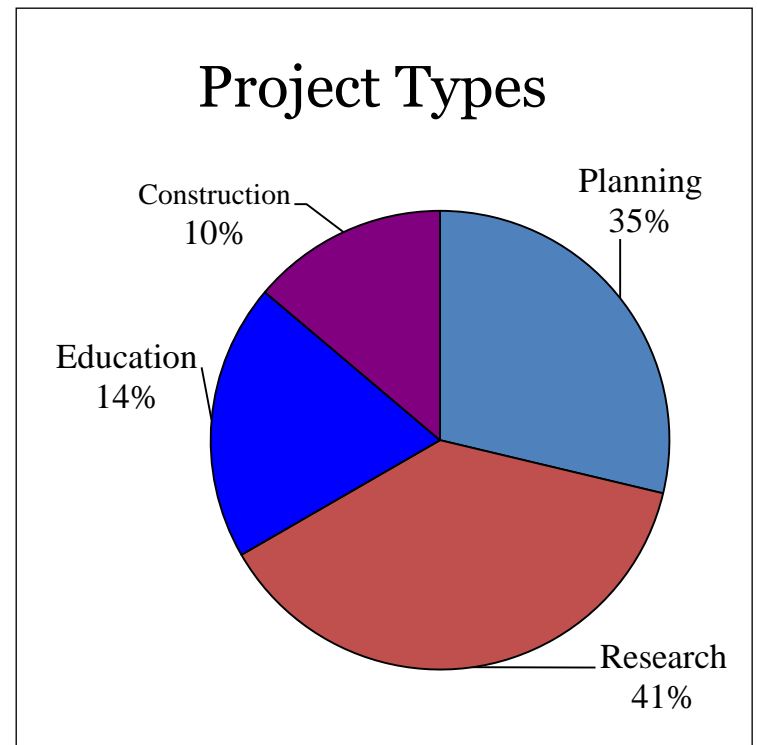
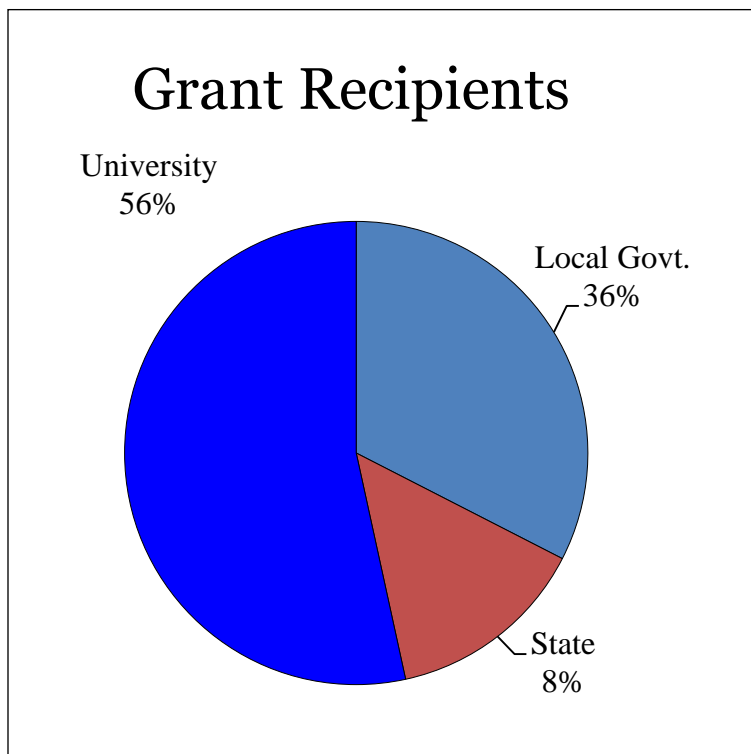
Funding and staff support to provide GIS data and resources:

- 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



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 Research & Information Needs

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!