Florida Coastal Management Program

One of many programs in Florida that protects resources and manages human uses in the coastal zone.

Two main goals:

1. Protecting coastal resources
2. Maintain vital communities
Program Tools:

- Federal Consistency
- Financial Assistance
Enforceable Policies

Network of 24 Florida Statutes*

Chapter 161 Beach and Shore Preservation
Chapter 163, Part II Growth Policy; County and Municipal Planning; Land Development Regulation
Chapter 186 State and Regional Planning
Chapter 252 Emergency Management
Chapter 253 State Lands
Chapter 258 State Parks and Preserves
Chapter 259 Land Acquisitions for Conservation or Recreation
Chapter 260 Florida Greenways and Trails Act
Chapter 267 Historical Resources
Chapter 288 Commercial Development and Capital Improvements
Chapter 334 Transportation Administration
Chapter 339 Transportation Finance and Planning
Chapter 373 Water Resources
Chapter 375 Outdoor Recreation and Conservation Lands
Chapter 376 Pollutant Discharge Prevention and Removal
Chapter 377 Energy Resources
Chapter 379 Fish and Wildlife Conservation
Chapter 380 Land and Water Management
Chapter 381 Public Health: General Provisions
Chapter 388 Mosquito Control
Chapter 403 Environmental Control
Chapter 553 Building and Construction Standards
Chapter 582 Soil and Water Conservation
Chapter 597 Aquaculture

*Only portions of these chapters constitute enforceable policies for the purposes of federal consistency review. Check http://www.dep.state.fl.us/cmp/federal/24_statutes.htm for most current information.
Network of Agencies

- Department of Environmental Protection - **Lead Agency**
- Department of Agriculture and Consumer Services
- Department of Economic Opportunity
- Division of Emergency Management
- Fish and Wildlife Conservation Commission
- Department of Health
- Department of State, Division of Historical Resources
- Department of Transportation
- Florida Building Commission, (Department of Business and Professional Regulation)
- Northwest Florida Water Management District
- St. Johns River Water Management District
- South Florida Water Management District
- Southwest Florida Water Management District
- Suwannee River Water Management District
Financial Assistance

- **Local Government Grants**
  - Four areas of focus - Resilient Communities, Public Access, Working Waterfronts, or Community Stewardship

- **State Agency Grants**
  - Contribute to the protection, management and enhancement of Florida’s coastal resources

- **309 Enhancement Grants**
  - Contributing to coastal program assessment needs
Resilience Indicator Categorization Taxonomy

Mitigation Framework Leadership Group (MitFLG) Draft Concept Paper
Draft Interagency Concept for Community Resilience Indicators and National-Level Measures

Homeland Security - Published for Stakeholder Comment in June 2016
Florida Funded Projects

- **Community Planning**
  - Water quality
  - Sea level rise planning
  - Post disaster redevelopment
  - Septic system evaluation
  - Working waterfronts
  - Socioeconomic studies
  - Waterfront development

- **Marine Debris**
  - Marine Debris Reduction Guidance Plan
  - Derelict vessels
  - Aquaculture
  - Shoreline clean up
  - Derelict trap removal

- **Habitat Conservation & Restoration**
  - SAV restoration
  - Wetland restoration
  - Living shorelines
  - Exotic & invasive removal
  - Dune & dune lake restoration
  - Coral mapping

- **Fisheries**
  - Sponge research
  - Oyster assessments
  - Scallop assessments
  - Lionfish and exotic catfish removal

- **Species Conservation**
  - Turtles - Sea and brackish species
  - Birds - Shore and coastal and wood ducks
Department of Economic Opportunity coastal management program supported resilience initiatives

- Waterfronts Florida
- Post-disaster Redevelopment Planning
- Community Resilience Initiative 2011-2015
- Adaptation Action Initiative 2016 -2020
CRI worked to help local governments:

- Understand current and future flood risk
- Examine policy options and tools for integrating coastal resiliency into existing planning processes
- Implement statutory language
- Share the results and lessons learned
Pilot Communities CRI

Current: Three Adaptation Pilot Local Governments

- City of Clearwater
- Escambia County
- City of St. Augustine

- Selected methods for vulnerability assessment
- Identified assets at risk to flooding
Community Resilience Initiative 2011-2015

How Countries, States, and Florida Address Sea Level Rise
A Compendium of Climate Adaptation Research

Adaptation Action Areas: Policy Options for Adaptive Planning For Rising Sea Levels
Prepared by the South Florida Regional Planning Council
In collaboration with the Florida Department of Economic Opportunity, Broward County and the City of Ft Lauderdale

November 6, 2013
DEO plans to select up to two communities annually to receive technical assistance for adaptation planning.

Priority will be given for:

- High-risk communities related to coastal hazards
- Communities demonstrating support and partnerships at the local level

Includes financial assistance to support plan development and staff support from DEO.

Coordinate resilience efforts statewide with quarterly focus group meetings.
Adaptation Action Areas

- AAA identifies one or more areas that:
  - Experience coastal flooding due to extreme high tides and storm surge
  - Are vulnerable to the related impacts of rising sea levels

- Criteria for the AAA may include, but need not be limited to areas for which:
  - Land elevations are below, at, or near mean higher high water
  - Have a hydrologic connection to coastal waters
  - Are designated as evacuation zones for storm surge
Pilot: Adaptation Action Areas Project of Special Merit – Fort Lauderdale & Broward County

(City of Satellite Beach funded by local government grant)
Fort Lauderdale AAAs

- Designated 16 AAAs and 38 projects for funding in the City’s Community Investment Plan (CIP)

- Focused on action:
  - Took existing CIP projects and budgeted them as adaptation projects
  - Projects include stormwater and seawall improvements
Train the Trainers

- Project of Special Merit awarded to DEO (2015)
- March 2016 Trainers Training completed
- East Central Florida Regional Planning Council (RCP) and the Tampa Bay RPC worked together to:
  - Perform a Pilot Vulnerability Assessment of Coastal Flooding Threats Due to Future Climate Projections for Southern Hernando County
  - Create a Hazard Assessment Tools Workshop
  - Develop the *Frequently Asked Questions (FAQ) For Resiliency Modeling And Vulnerability Assessments* sheet
  - Complete a Sea Level Rise Communication Fact Sheet
- West Florida RPC and Apalachee RPC worked together to:
  - Perform a Vulnerability Assessment of Coastal Flooding Threats to the Transportation Network St. Joseph Bay to Apalachee Bay
  - Develop a Coastal Flood Hazard Resiliency Workshop Utilizing Resiliency Tools To Assess Community Risk To Sea Level Rise
  - Create a Train the Trainers FAQ fact sheet
- North Central Florida RPC and the Northeast Florida RPC worked together to:
  - Perform a preliminary Vulnerability Assessment of Coastal Flooding Threats for Steinhatchee, Taylor County
  - Plan a Coastal Flood Hazard Resiliency Workshop
  - Develop a *Building Coastal Flood Hazard Resiliency Frequently Asked Questions For Resiliency Modeling And Vulnerability Assessments* fact sheet
Additional Coastal Program Initiatives

- Vessel Turn In Program, FL Keys
  - voluntary turn in program to reduce derelict vessels

- Statewide Ecosystem Assessment of Coastal and Aquatic Resources
  - assessing resilience of ecological aquatic communities to stressors

- Florida Marine Debris Reduction Plan Implementation
  - FL position to support plan implementation

- Fellowships – Growing the next generation
  - Florida Sea Grant and National Academies of Sciences

- Continued regional collaboration on resilience initiatives
  - Gulf of Mexico Alliance, SECOORA, GOMRI
Set up for success

- Implementing local projects
- Complimenting existing efforts and funding
- Providing access and training on information on tools
- Network for communicating and sharing ideas
- Expanding the reach resiliency efforts with other federal partners
  - Sea Grant
  - National Estuarine Research Reserves
  - Coral Reef Conservation Program
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