



Coastal Monitoring: Florida DEP Coastal and Aquatic Management Areas (CAMA)

Coastal Monitoring
workgroup kickoff



Aquatic Preserves National Estuarine Research Reserves

- 40 Aquatic Preserves
- 3 National Estuarine Research Reserves
- 1 National Sanctuary

<http://www.dep.state.fl.us/mainpage/programs/cama.htm>

Aquatic Preserves

[Alligator Harbor](#)

[Apalachicola Bay](#)

[Banana River](#)

[Big Bend Seagrasses](#)

[Biscayne Bay](#)

[Biscayne Bay - Cape Florida to Monroe County Line](#)

[Boca Ciega Bay](#)

[Cape Haze](#)

[Cape Romano - Ten Thousand Islands](#)

[Cockroach Bay](#)

[Coupon Bight](#)

[Estero Bay](#)

[Fort Clinch](#)

[Fort Pickens](#)

[Gasparilla Sound - Charlotte Harbor](#)

[Guana River Marsh](#)

[Indian River - Malabar to Vero Beach](#)

[Indian River - Vero Beach to Ft. Pierce](#)

[Jensen Beach to Jupiter Inlet](#)

[Lake Jackson](#)

[Lemon Bay](#)

[Lignumvitae Key](#)

[Loxahatchee River - Lake Worth Creek](#)

[Matlacha Pass](#)

[Mosquito Lagoon](#)

[Nassau River - St. Johns River Marshes](#)

[North Fork, St. Lucie](#)

[Oklawaha River](#)

[Pellicer Creek](#)

[Pine Island Sound](#)

[Pinellas County](#)

[Rainbow Springs](#)

[Rocky Bayou](#)

[Rookery Bay](#)

[St. Andrews](#)

[St. Joseph Bay](#)

[St. Martins Marsh](#)

[Terra Ceia](#)

[Tomoka Marsh](#)

[Wekiva River](#)



National Estuarine Research Reserves

Apalachicola Bay

Guana - Tolomato - Matanzas

Rookery Bay

Florida Keys National Marine

Sanctuary

Map of Florida's Aquatic Preserves and other Sites



Not Only Water Quality Monitoring





CAMA Monitoring

- Beach-nesting shorebirds
- Beach (dune) erosion profiles
- Bees (GTMNERR)
- Benthic Invertebrates
- Coral Populations; Coral Damage
- Fisheries
- Fouling Communities
- Invasive Species (plants, Asian green mussels, crabs, etc)



CAMA Monitoring, continued

- Juvenile nekton
- Larval Fishes and Crabs
- Meteorological monitoring
- Threatened and Endangered Species
- Turtles
- Seagrass; Mangrove, Coastal community
- Sharks
- Surface Elevation tables (erosion and accretion rates)
- Water Quality, including nutrients



Current Initiative

- CAMA is currently assembling a comprehensive map of all monitoring stations throughout the state.

This information will be useful to determine where WQ and biological monitoring may be helpful in evaluating compliance with Numeric Nutrient Criteria

This will also serve to determine what monitoring is occurring throughout Florida coastal regions via DEP programs. Location of these stations will assist others when performing an analysis of potential gaps and/or opportunities to share information to guide management actions

Oyster Restoration Project

When: Saturday, Feb. 23, noon to 3 p.m.

Where: GTM NERR

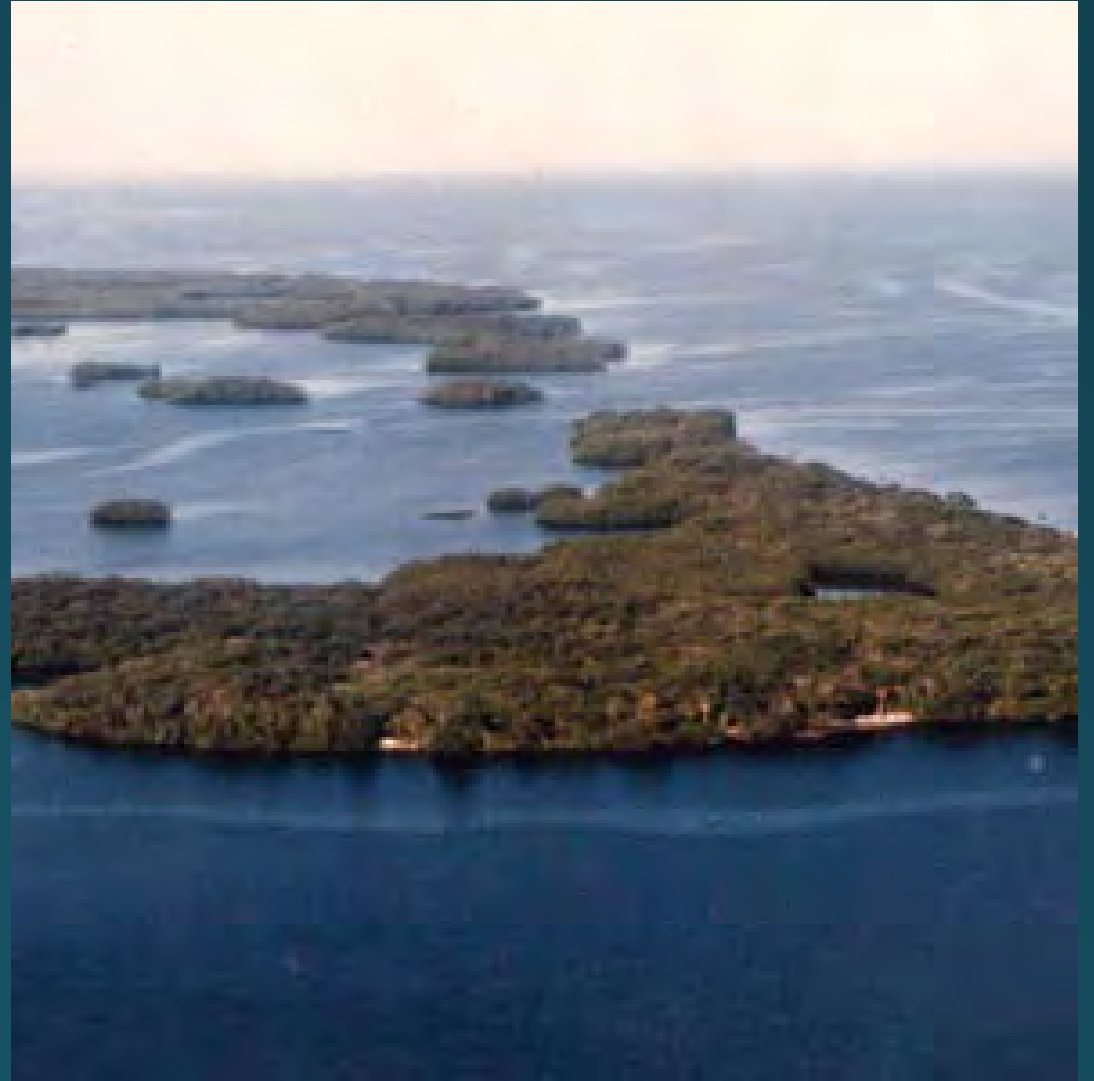
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## Batfish Bash for the Bay

**When:** March 16

**Where:** Rookery Bay  
NERR

Marine wildlife artist Guy Harvey is this year's Honorary Chairman







# Next steps

- Will complete DEP in-house coordination and location of stations
- Will be discussing formation of the coastal monitoring workgroup with FWRI
- Identify members and interested parties who would become part of the workgroup
- Further discussion to set goals via workgroup initiation via meetings – Kick off by June(?)
- Goals will include assembling information about monitoring programs – many of which we are aware via the Council; some are in Florida Water Atlas already and can be incorporated into the catalog of monitoring programs

