



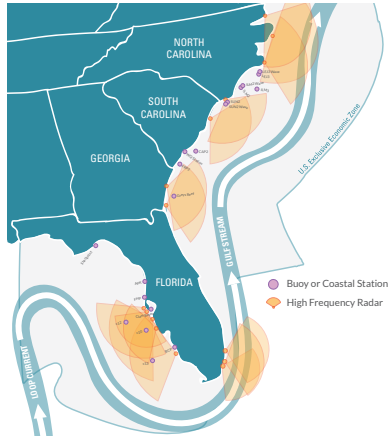
# SECOORA

Southeast Coastal Ocean Observing Regional Association

SECOORA's mission is to observe, understand, and increase awareness of our coastal ocean; promoting knowledge, economic and environmental health through strong regional partnerships.

SECOORA is the coastal ocean observing system for North Carolina, South Carolina, Georgia and Florida.

A coastal observing system is a combination of many components - from humans to hardware - that is used to collect information. That data and information is then turned useful products that support safe and efficient marine operations, coastal economies, and a healthy, sustainable environment.



SECOORA collects environmental information that is vital for weather forecasts and hurricane warnings, safe boating, fishing and seafood. Measure once, use multiple times. SECOORA is a small investment with a big impact.

## SECOORA By the Numbers

SECOORA supports buoys and other technologies to collect information about the ocean. Our data helps keep you safe.

**15**   
HF Radars

**13**   
Buoys

**3**   
Model Efforts

**6**   
Coastal Stations

**6**   
Glider Deployments  
Every Year

 **SECOORA**  
Southeast Coastal Ocean Observing  
Regional Association  
[www.secoora.org](http://www.secoora.org)



# Supporting Georgia



## Marine Operations

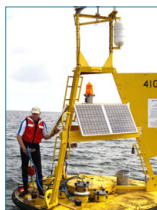
Underwater gliders provide data that aims to improve hurricane warnings, ensure safe navigation, support offshore energy operations, and track fisheries species.

Gliders can stay at sea for up to a month and relay information on subsurface conditions. SECOORA funds the University of Georgia Skidaway Institute of Oceanography to operate regular glider missions along the South Atlantic Bight, as well as high frequency (HF) radar. Studies show that real-time surface current information from HF radars can reduce the Coast Guard search area by 2/3rds over 72 hours.



## Ecosystems: Water Quality and Living Marine Resources

Off of Georgia's coast is Gray's Reef National Marine Sanctuary (GRNMS). GRNMS is a marine protected area that is home to many large invertebrates such as sponges, corals and sea squirts. As part of NOAA's Ocean Acidification Program, SECOORA funding supports the GRNMS buoy. The buoy is maintained by the University of Georgia and is part of international efforts to quantify the effects of ocean acidification on the world's ocean.



*“As a career naval officer and former head of NOAA, I know first hand the importance of timely, quality information about the coastal environment. SECOORA and IOOS are filling critical gaps and providing valuable information to those who need it.”*

Vice Admiral Conrad C. Lautenbacher Jr. (Ret.)  
Former SECOORA Board Chair  
GeoOptics

## Georgia Members

Georgia Aquarium

University of Georgia Skidaway Institute of Oceanography

Kennesaw State University

GeoOptics

South Atlantic Fishery Management Council

## More Information

Debra Hernandez  
SECOORA Executive Director,  
843-906-8686  
Debra@secoora.org  
www.secoora.org

