



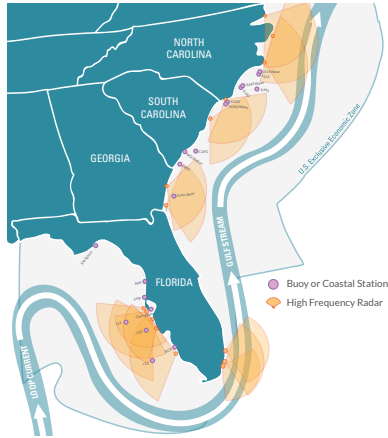
SECOORA

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 into 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



Supporting North Carolina



Marine Operations

In-situ stations are our real-time eyes on the water. To stay safe, mariners need to know the true local conditions before heading out to sea. SECOORA supports buoys off the coast of North Carolina. These buoys are managed by University of North Carolina Wilmington, Coastal Ocean Research and Monitoring Program.



Coastal Hazards

High frequency (HF) radar systems measure the speed and direction of ocean surface currents in near real-time. Ocean surface currents are fundamental for spill response and search and rescue operations. Studies show that real-time surface current information can reduce the Coast Guard search area by 2/3rds over 72 hours. SECOORA supports 4 HF radar systems in North Carolina. The HF radars are managed by University of North Carolina Chapel Hill and University of South Carolina.



“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

North Carolina Members

University of North Carolina
Wilmington

Surflife

Duke University Marine Laboratory

University of North Carolina Chapel
Hill

North Carolina State University

Fathom Science LLC

South Atlantic Fishery Management
Council

More Information

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