



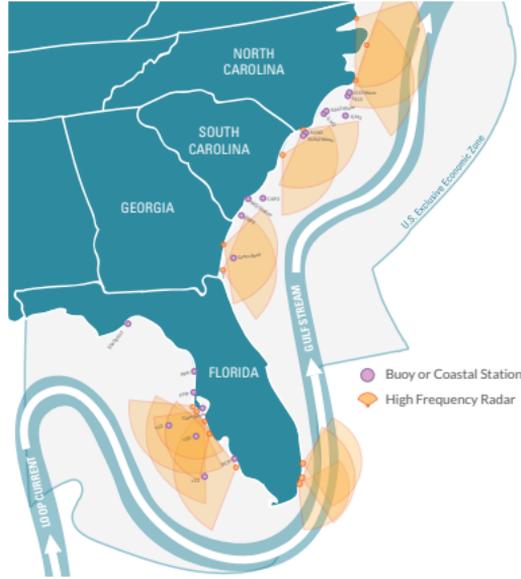
SECOORA

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



Supporting South Carolina



Marine Operations

The annual economic impact of Charleston's Port is \$53 billion. The port will soon be undergoing harbor deepening. Recently, a water quality station was installed near the mouth of the harbor to help determine impacts from port expansion. The station is funded by SECOORA and U.S. IOOS in collaboration with local partners including SC Department of Natural Resources, U.S. Army Corps of Engineers Charleston District, and the Port of Charleston.



Coastal Hazards

SECOORA supports buoys, high frequency (HF) radar and coastal stations off the coast of South Carolina. These technologies support marine safety and allow mariners to know the true local conditions before going to sea. The buoys are operated by University of North Carolina Wilmington, the HF radars are managed by University of South Carolina and the coastal station is operated by SC Department of Natural Resources.



“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

South Carolina Members

Coastal Carolina University School of Coastal and Marine Systems Science

RPS Evans-Hamilton, Inc.

South Carolina Department of Natural Resources

South Carolina Sea Grant Consortium

South Atlantic Fishery Management Council

University of South Carolina College of Arts and Sciences

University of South Carolina Arnold School of Public Health

More Information

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