
 Pictured is University of South Florida's Coastal Ocean Monitoring and Prediction System team deploying an Acoustic Doppler Current Profiler in the West Florida Shelf. Image courtesy of Angela Simone, SUNY Geneseo.

SECOORA – Southeast Coastal Ocean Observing Regional Association – is the coastal ocean observing system for North Carolina, South Carolina, Georgia and Florida. Our mission is to observe, understand, and increase awareness of our coastal ocean; promoting knowledge, economic and environmental health through strong regional partnerships.

SECOORA provides critical ocean and coastal data and information to meet the needs of people who live and work along the coast of the Southeast U.S.



 The SECOORA footprint spans the eastern side of the Gulf of Mexico to South Atlantic Bight. Pictured is Hurricane Matthew's predicted track overlaid on SECOORA observing assets. The dots represent moorings and the orange fans are High-Frequency Radar coverage.

THEME AREAS

Working to connect stakeholders to information.



Marine Operations



Coastal Hazards



Ecosystems, Water Quality, and Living Marine Resources



Climate Variability



SECOORA is one of the eleven Regional Associations that partner with the NOAA led Integrated Ocean Observing System, U.S. IOOS®.

U.S. IOOS is essentially the weather service for the coastal oceans and Great Lakes, providing the ability to “see” what is happening both above and below the surface and to make that information readily available.

DATA

As a member of IOOS, SECOORA has a mandate to collect, organize, and provide access to regional oceanographic data. These data need to be Quality Assured / Quality Controlled, easily understandable, electronically accessible, and well organized to allow researchers, policy makers, industry, and the general public to make well-informed decisions. Over 75% of our budget funds observing assets, model development, data communications and tools to meet the needs of targeted user groups. The SECOORA ocean observing system is comprised of:



Data Products



High Frequency Radars



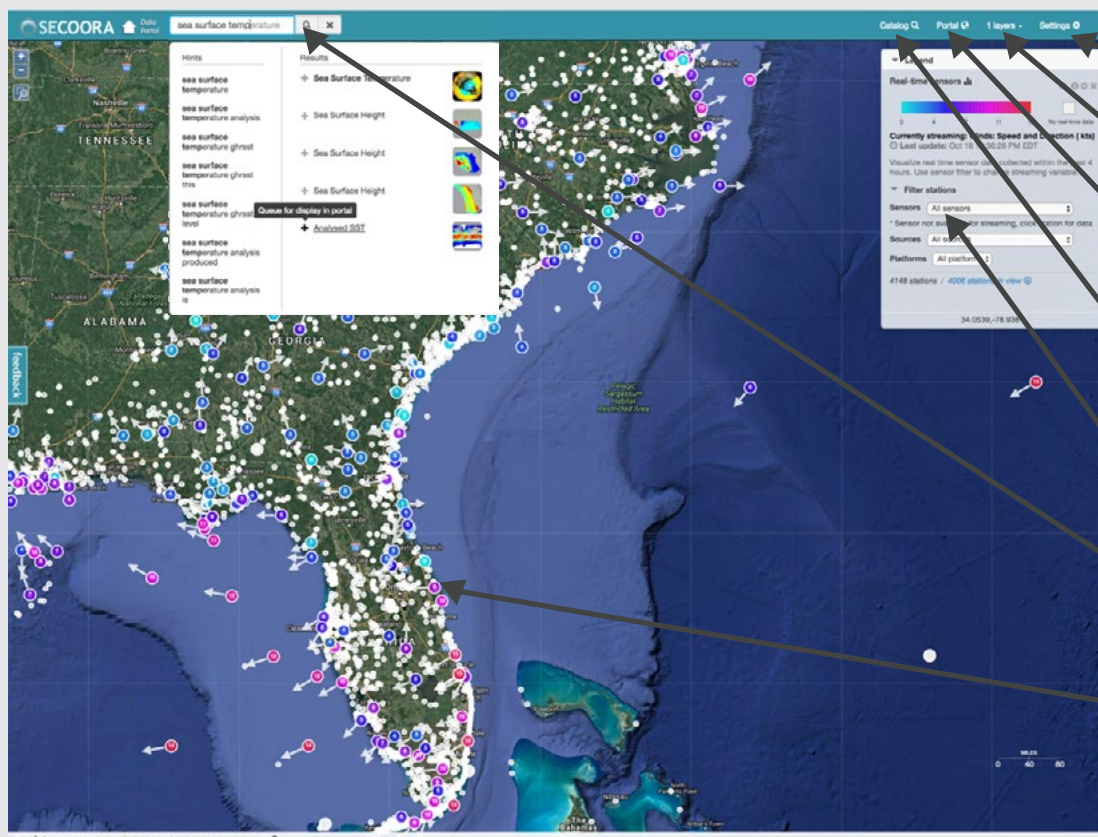
Moored and Coastal Stations



Glider Observatory

SECOORA DATA PORTAL

The SECOORA Data Portal allows visualization of historic and near real-time data from multiple sources for the entire Southeast region. The SECOORA Data Catalog is a hub for accessing and downloading that variety of data. Visit portal.secoora.org to download and visualize data today.



Change unit and base map

See layers in portal view

Access portal

Quick access to the catalog to search for data to download or add layers to the portal

Choose sensor display

Search the data catalog to add layers to portal or download data

Click on sensor to view data

MORE INFORMATION



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“The Southeast U.S. is a critically important ecosystem to all citizens of the United States providing both jobs and recreation for millions of Americans each year. The observing system you [SECOORA] are developing will improve maritime safety, enhance forecasts of hurricanes, severe weather, pollution and harmful algal blooms, as well as, provide needed water quality monitoring for restoration and ocean modeling efforts..”

| Robert P. Jones, Executive Director, Southeastern Fisheries Association, Inc.