

SECOORA COMPONENTS

- Buoy Systems
- Coastal and Riverine Sensors
- Satellite Observations
- Field Measurements
- Ship Observations
- Airborne Observations
- Computer Models
- Ecological Forecasts
- Education
- Atmospheric Measurements
- Information Integration

From the U.S. Ocean Action Plan...

"Advancing Our Understanding of the Oceans, Coasts, and Great Lakes.

- Develop an Ocean Research Priorities Plan and Implementation Strategy
- Build a Global Earth Observation Network, Including Integrated Ocean Observations
- Develop and Deploy New State of the Art Research and Survey Vessels
- Create a National Water Quality Monitoring Network.
- Coordinate Ocean and Coastal Mapping Activities
- Implement New Legislation on Oceans and Human Health, Harmful Algal Blooms, and Hypoxia
- Increase Ocean Education Coordination



IOOS Defined

Integrated Ocean Observing System (IOOS) is an inter-agency, cooperative effort based on a sustained network of buoys, ships, satellites, underwater vehicles and other platforms that routinely collect real-time data and manage historical information. These data are needed for rapid detection and timely prediction of changes in our nation's coastal waters. IOOS will process and disseminate the data under one umbrella for broad public access. For further information see www.ocean.us

SECOORA is one of 11 Regional Associations (RAs) being established through IOOS. The RAs will be guided by the priorities of user groups within each region. The RAs will help steer programs of the U. S. federal agencies, ensuring that the national information "backbone" maintained under IOOS meets the needs of the regional Observing System nodes and their users.



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SECOORA

SOUTH EAST COASTAL OCEAN OBSERVING

REGIONAL ASSOCIATION

Ocean Information Cooperative

A cooperative is an organization that is controlled by those who use its products or services. Although cooperatives vary in types and membership size, they are all formed to meet the needs of members and can adapt to the changing needs of users.

The concept for ocean observing regional associations is similar. As coastal populations increase, along with recreational, resource, and transportation uses for the coastal ocean, there is more demand than ever for real-time and historical ocean information. Issues ranging from weather forecasting to marine safety to public health all require long-term consistent measurement of ocean conditions.

The goal of SECOORA is to establish a sustainable ocean information cooperative that can meet the specific needs of southeast ocean users.

