Integrated Ocean Observing System (IOOS) Supports a National Network of Certified Regional Observing Systems

SECOORA is certified by the National Oceanic and Atmospheric Administration for our data management and governance practices. This confirms data coming from SECOORA adheres to common federal collection, storage and management standards. We deliver federal-quality data from the water, to the user and to the archive.

Why Certification Matters

- SECOORA provides national consistency while addressing unique and diverse regional needs.

- SECOORA provides ready access and preserves data with transparency and documentation.

- Certification enhances efficient interagency coordination at the regional and national level.

Certification

Governance

The regional structure promotes coordination and collaboration at the regional level, and ensures stable and long-lasting organizations.

Data Management

The data served by the Regional Associations are of the same high quality as those served by the federal government. Certification ensures that data are consistent and reliable.
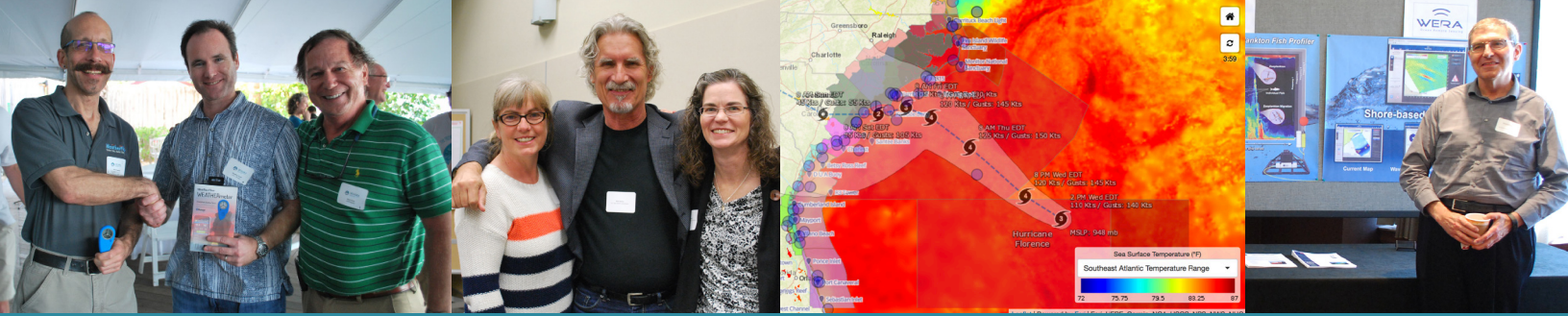
Data served through IOOS regions are quality-checked and archived with NOAA's National Center for Environmental Information for long-term storage and access.

Data products address the specific needs of regional users while conforming to national standards and requirements.

SECOORA delivers federal-quality data from the water, to the user, to the archive.

7 Benefits of Becoming a Member and Contributing Data to SECOORA

1 Meet your open data sharing needs through Integrated Ocean Observing System (IOOS®) - a Global Earth Observing System of Systems approved data system.

2 Assimilate, visualize and publish your data to both regional and national data portals for integration and exploration.

3 Access collaborative tools to securely store and share provisional and curated data.

4 Receive technical assistance for packaging information and data in useful ways to meet end users needs.

5 Store and archive data with DataONE and National Centers for Environmental Information in standard formats and with standards-compliant metadata - receive a DOI for dataset citation.

6 Ability to perform cloud-based reproducible analytical workflows accessing data available through SECOORA data holdings.

7 Efficiently access and analyze high-volume data products, including model results and satellite imagery.

More Information

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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 making that information readily available.