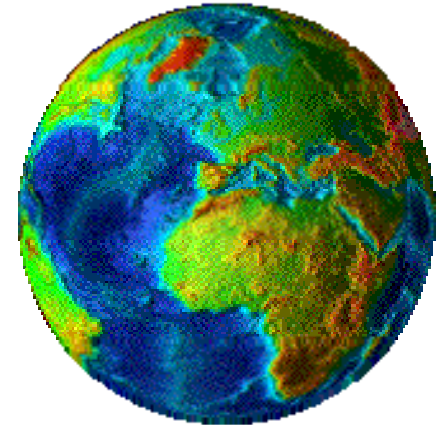


IOOS



See: <http://www.ocean.us/>

The U.S. Integrated Ocean Observing System (IOOS) is developing as a “user-driven”, integrated system of observations, data management, and data analysis to **routinely, reliably, and continuously provide data and information required to address seven societal goals:**

- Improve predictions of **climate change and weather** and their effects on coastal communities and the nation;
- Improve the safety and efficiency of **maritime operations**;
- Improve forecasts of **natural hazards** and mitigate their effects more effectively;
- Improve **homeland security**;
- Minimize **public health risks**;
- Protect and restore **healthy coastal ecosystems** more effectively; and
- Sustain living marine **resources**.



Coastal Component of IOOS

National Backbone

- Federal Agencies Responsible
- EEZ & Great Lakes
- Core variables required by RAs & Fed Agencies
- Network of sentinel & reference stations
- Data Standards/Exchange Protocols

AOOS

NANOOS

CeNCOOS

PacIOOS

SCCOOS

NERA

GLOS

MACOORA

SECOORA

GCOOS

CaRA

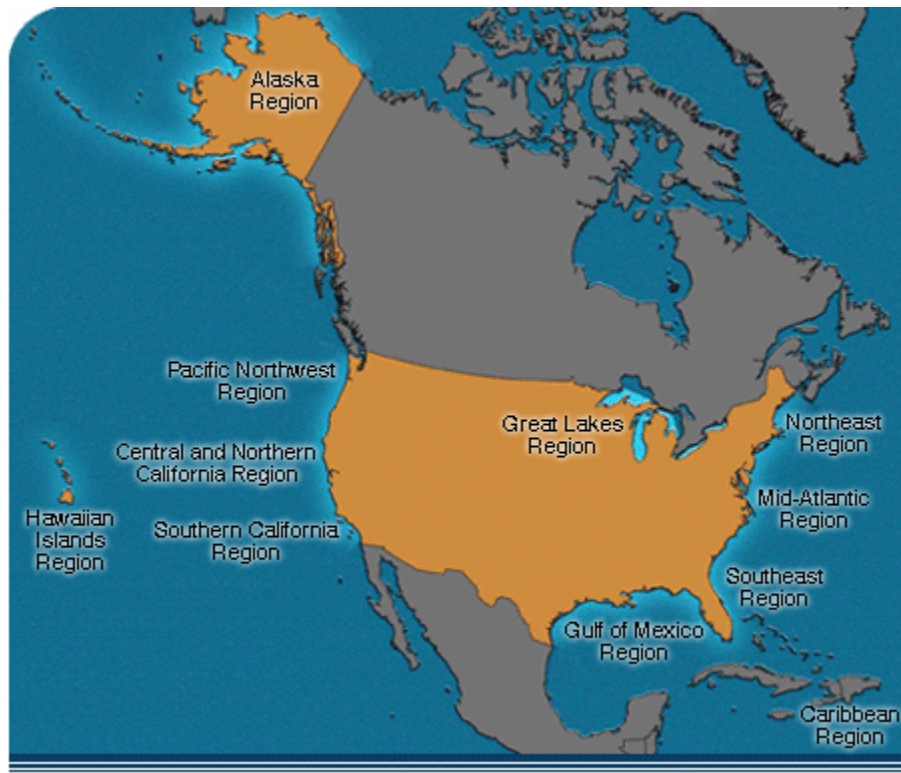
Regional Coastal Ocean Observing Systems

- Regional Associations Responsible
- Involve private & public sectors
- Inform Federal Agencies of user needs
- Enhance the backbone based on user needs
- Incorporate sub-regional systems

The National Federation of Regional Associations (NFRA)



NATIONAL FEDERATION of
REGIONAL ASSOCIATIONS



NFRA is comprised of all the Regional Associations in the United States

Regional Associations act as the focal point for regional coastal observation capability

See:

<http://www.usnfra.org/>