NERACOOS

NORTHEASTERN REGIONAL ASSOCIATION of COASTAL OCEAN OBSERVING SYSTEMS

OUR SYSTEM OPERATORS

These organizations are some of the many that operate NERACOOS-funded assets. **78%** of NERACOOS funds go directly to our partners to produce and integrate ocean information.

University of Maine
- 7 buoys
- Gliders
- Regional satellite imaging
- Nutrient monitoring
- 3 High-frequency radar stations

U.S. Geological Survey
- Water level station

Gulf of Maine Research Institute
- Data integration and products
- Website development

Charybdis Group, LLC
- 3 water level stations

University of New Hampshire
- 3 buoys
- Coastal monitoring station
- Nutrient monitoring

UMass Dartmouth
- Regional ocean modeling

University of Rhode Island
- Nutrient monitoring

Woods Hole Group
- Buoy

University of Connecticut
- 3 Buoys
- Short-term prediction system

Woods Hole Oceanographic Institution
- Marine mammal monitoring
- High-frequency radar station

Bedford Institute of Oceanography
- Regional wave forecast
- Nutrient monitoring
- Harmful algal bloom monitoring

Percentage of regional real-time continuous ocean observations funded by NERACOOS

SURFACE MEASUREMENTS
(0-12 feet above sea level)
Wave height & period
Meteorological data
Water temperature
Air temperature
pCO_2

45%

SUBSURFACE MEASUREMENTS
(0-50 feet of depth)
Nutrient monitoring
Water temperature
Conductivity

48%

DEEP MEASUREMENTS
(50+ feet of depth)
Water temperature
Currents
Density
Salinity

100%