



# NERACOOS Helps Answer Vital Questions

Our assets are important planning and safety tools, used by everyone from emergency responders to recreational fishers to coastal managers.



Buoys



Satellite Data



Marine Mammal Monitoring



Tide Stations



Water Quality



Modeling



High-frequency Radar

## Mariners

- "What's the weather?"
- "Is it safe to go to sea?"
- "What will ocean conditions be in six hours? What about tomorrow?"
- "Are the conditions good for fishing?"
- "Are whales moving through shipping channels?"

## Scientists

- "How do these data inform my research?"

## Resource Managers

- "How is our ocean environment changing over time?"
- "Do we need to change when we open and close fishing grounds?"

## General Public

- "Is it safe to swim?"
- "Should we close shellfishing grounds to prevent seafood-borne illnesses?"
- "Are the conditions good for surfing?"
- "Will I have good visibility if I go SCUBA diving?"
- "Should I take my sailboat out today?"

## Emergency Responders

- "Which parts of our community are most vulnerable to sea level rise?"
- "When will this storm hit, and where will the worst impacts be?"
- "When will it be safe to look for this missing person?"
- "Where is the missing person now?"
- "How will sea surface currents affect oil spill cleanup?"