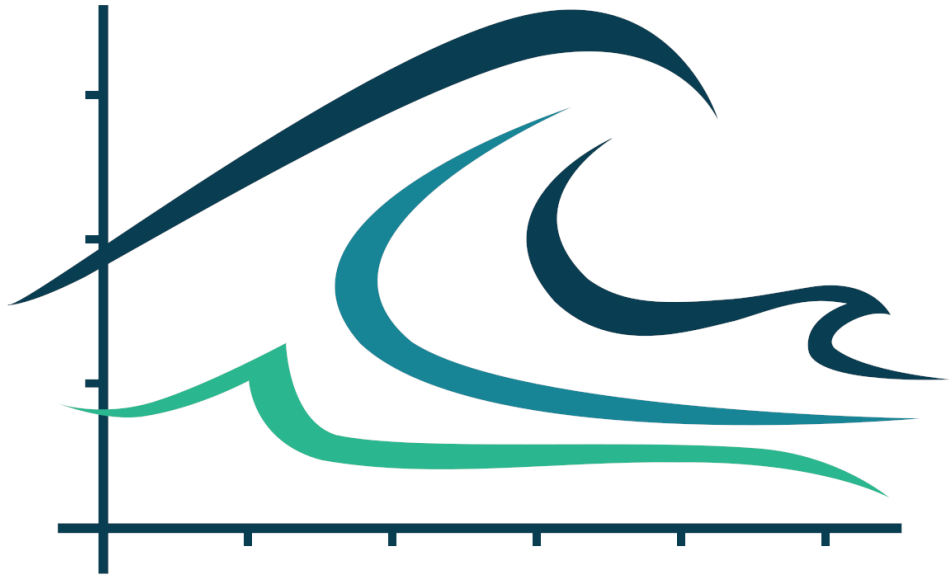


NERACOOS



NORTHEASTERN REGIONAL ASSOCIATION
OF COASTAL OCEAN OBSERVING SYSTEMS

NERACOOS Update

NROC Spring Meeting
April 13, 2023

Tom Shyka

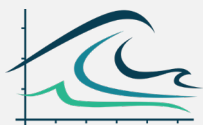
Bipartisan Infrastructure Law

IOOS - NERACOOS

- Core funding - major upgrades to assets throughout the observing system
- Coastal modeling – coupling coastal models to improve flood forecasting

NEP - Casco Bay Estuary Partnership

- Developing a high-resolution hydrodynamic model for Casco Bay



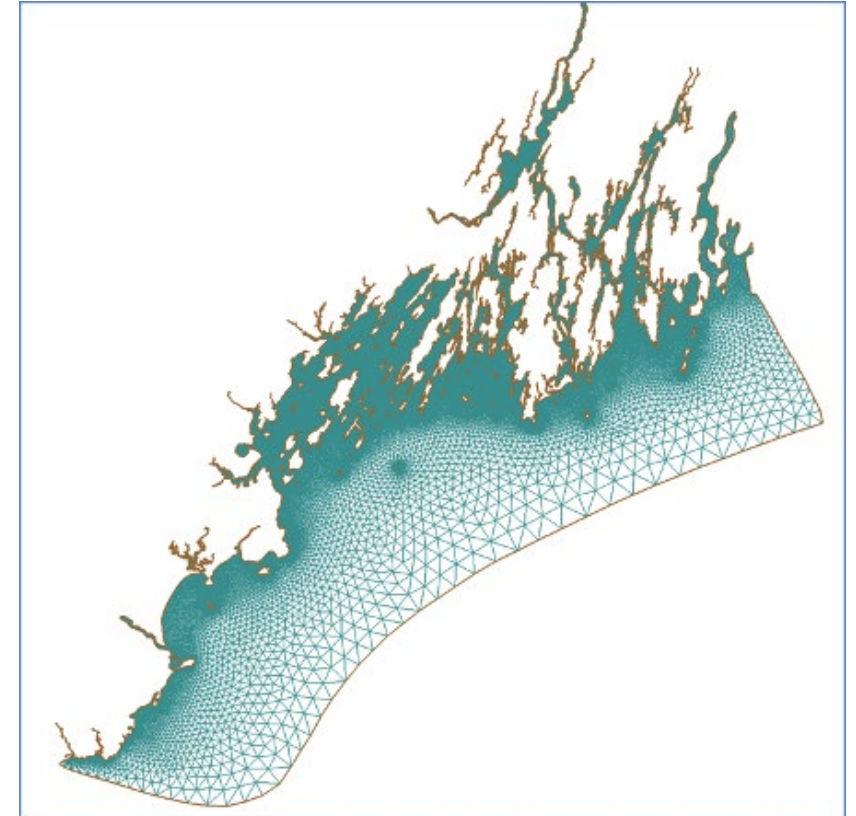
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Community Special Project

Building a Coastal Resilience

Monitoring System for New Hampshire

(NH Sea Grant, NH DES, PREP, Great Bay NERR, UNH and NERACOOS)

- Environmental sensors – buoys, tide gauges, water quality, and weather
- Surveys – archeological, habitat, and water quality
- Data analysis, management and products



Offshore Wind

- **Data**

- Access to existing NERACOOS data
- Identifying gaps
- Managing and sharing new data

- **Integrated ocean data system design**

- Navigation safety
- Marine pollution
- Fisheries management
- Wildlife conservation
- Climate tracking

