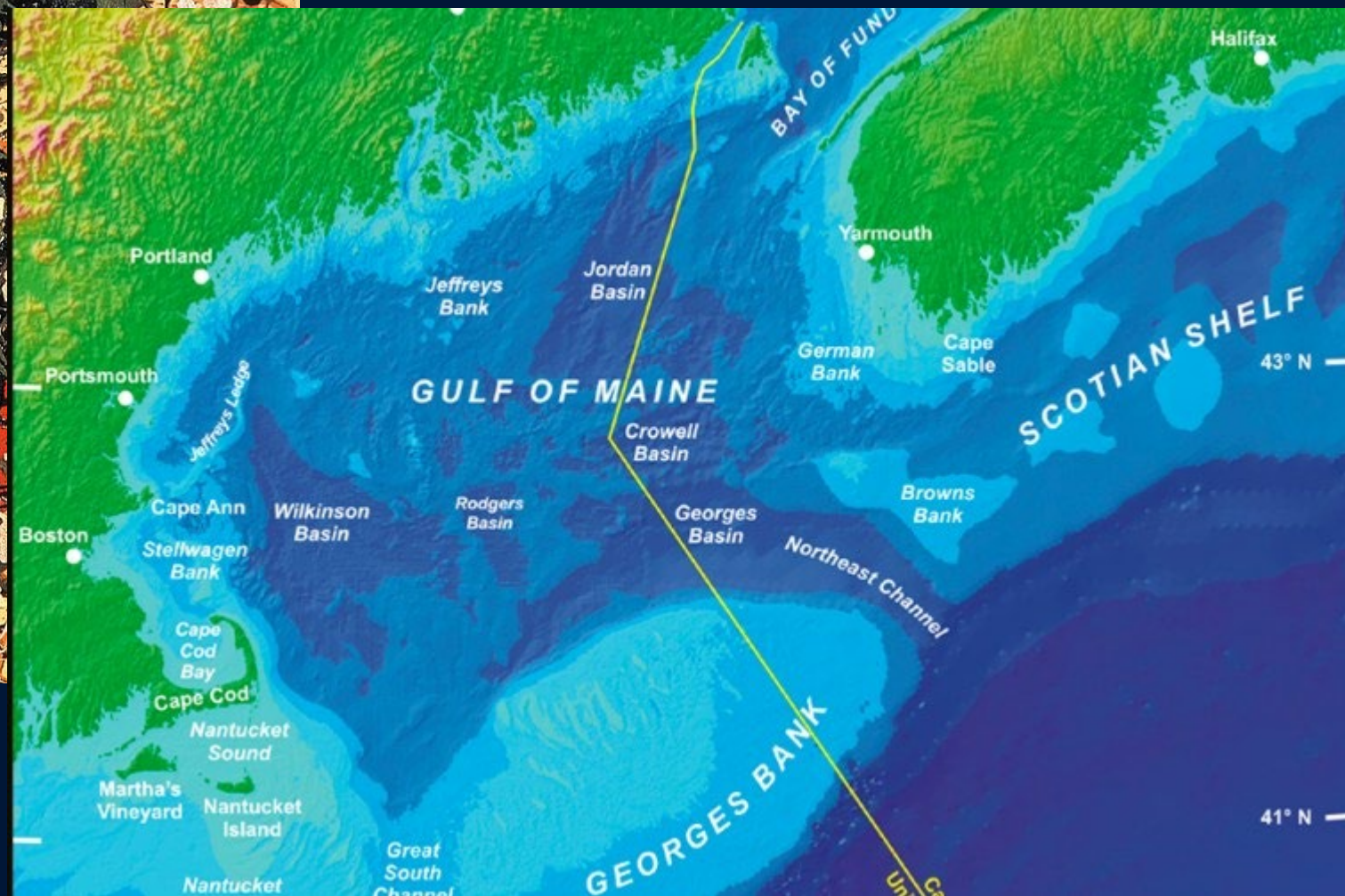
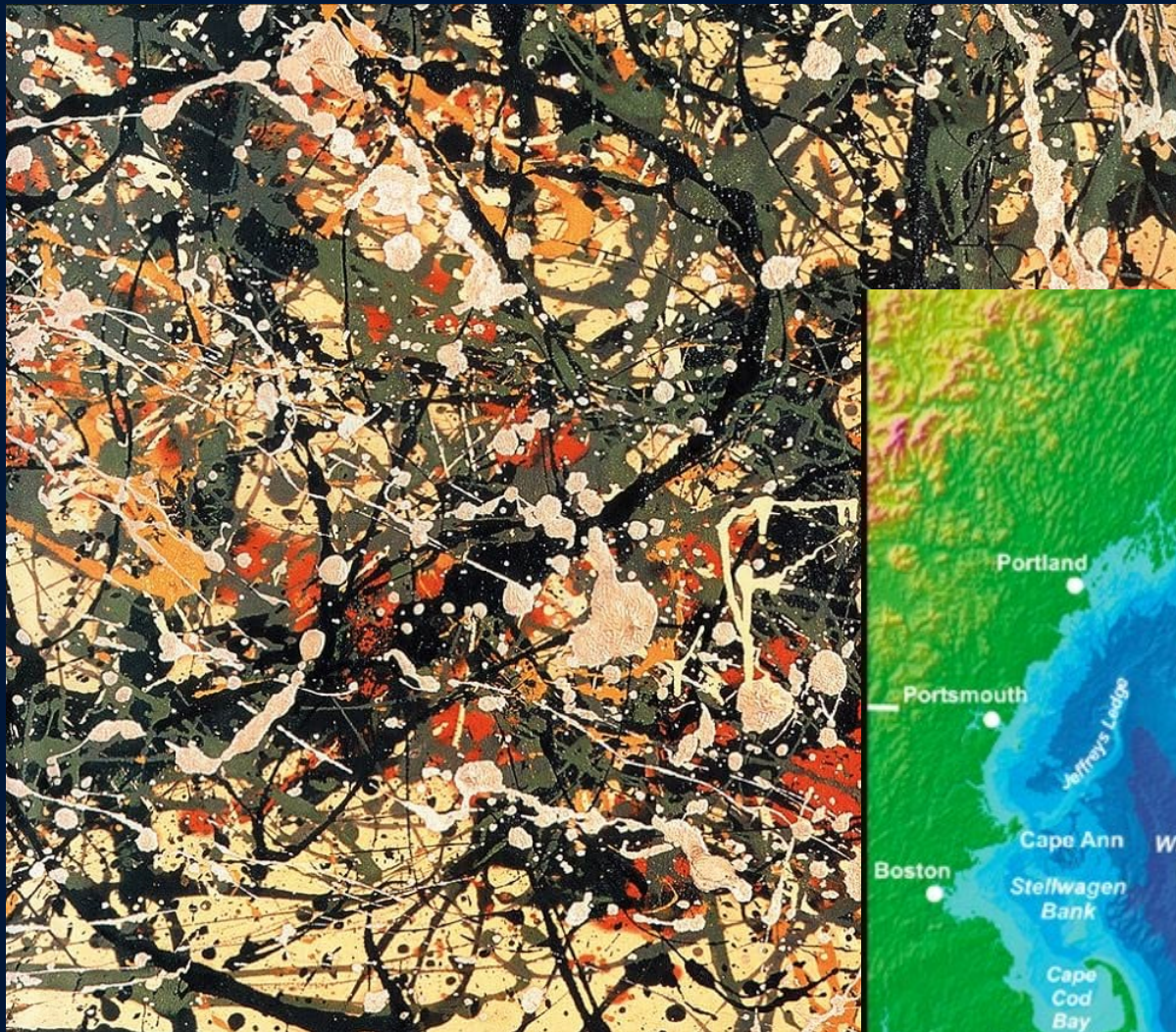


SEAFLOOR MAPPING IN THE
GULF OF MAINE
AND LONG ISLAND SOUND



HCOM

- Working through the Subcommittee specifically on pressing priorities for the Gulf of Maine as WEA are developed
- Filling key data gaps for wind and transmission siting in areas with limited to no data
- Coordination and collaboration across HCOM
- NROC funding + state + federal investments for mapping priority areas

DATA EXPLORER

Turn all Layers Off



All Layers

Active Layers (5)

- ☒ Maine seafloor mapping priorities 2024-2025
- ☒ Saildrone Gulf of Maine Mission
- ☒ Planned NOAA Hydrographic Survey Areas (3-year outlook)
- ☒ Gulf of Maine Final Wind Energy Area - March 2024
- ☒ Northeast regional bathymetry composite, 4-meter

LEGEND

Maine Seafloor Mapping Priorities 2024-2025

- Inshore Mapping Priorities
- Offshore Mapping Priorities
- Saildrone Gulf of Maine Mission

Planned NOAA Hydrographic Survey Areas (3-year outlook)

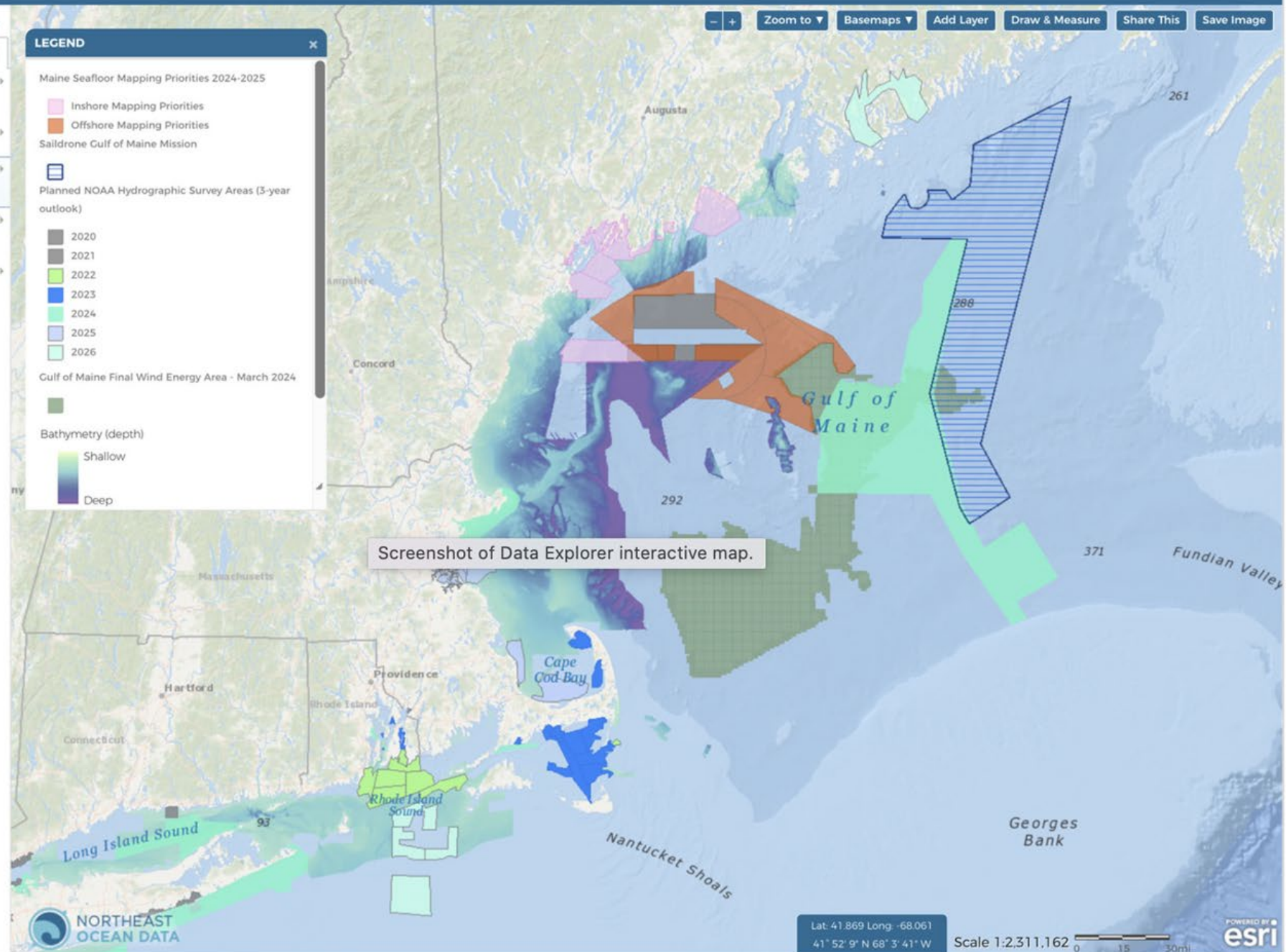
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025
- 2026

Gulf of Maine Final Wind Energy Area - March 2024

-

Bathymetry (depth)

- Shallow
- Deep

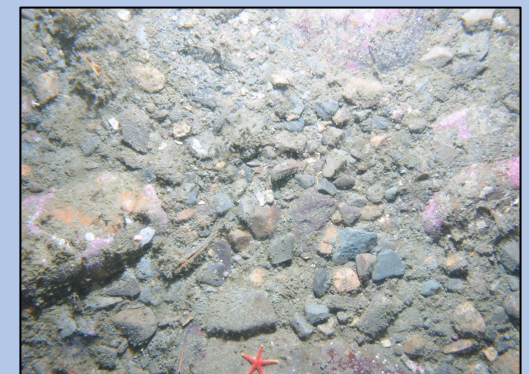
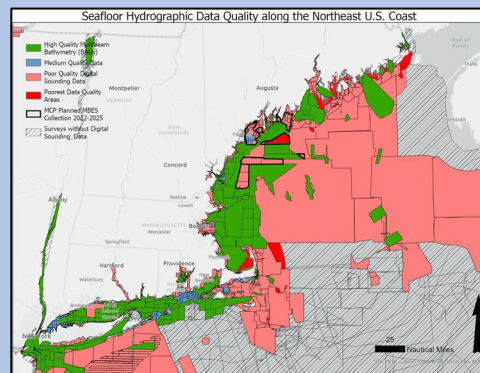
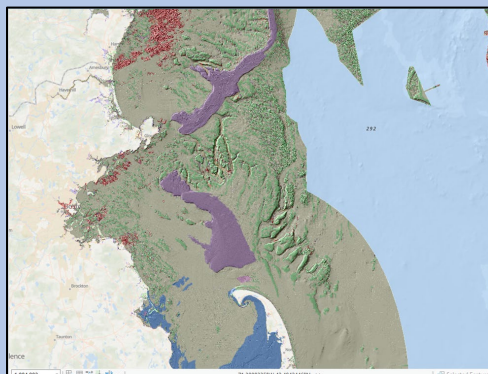


**HABITAT
CLASSIFICATION AND
OCEAN MAPPING
SUBCOMMITTEE**

Habitat Classification and Ocean Mapping (HCOM) Subcommittee

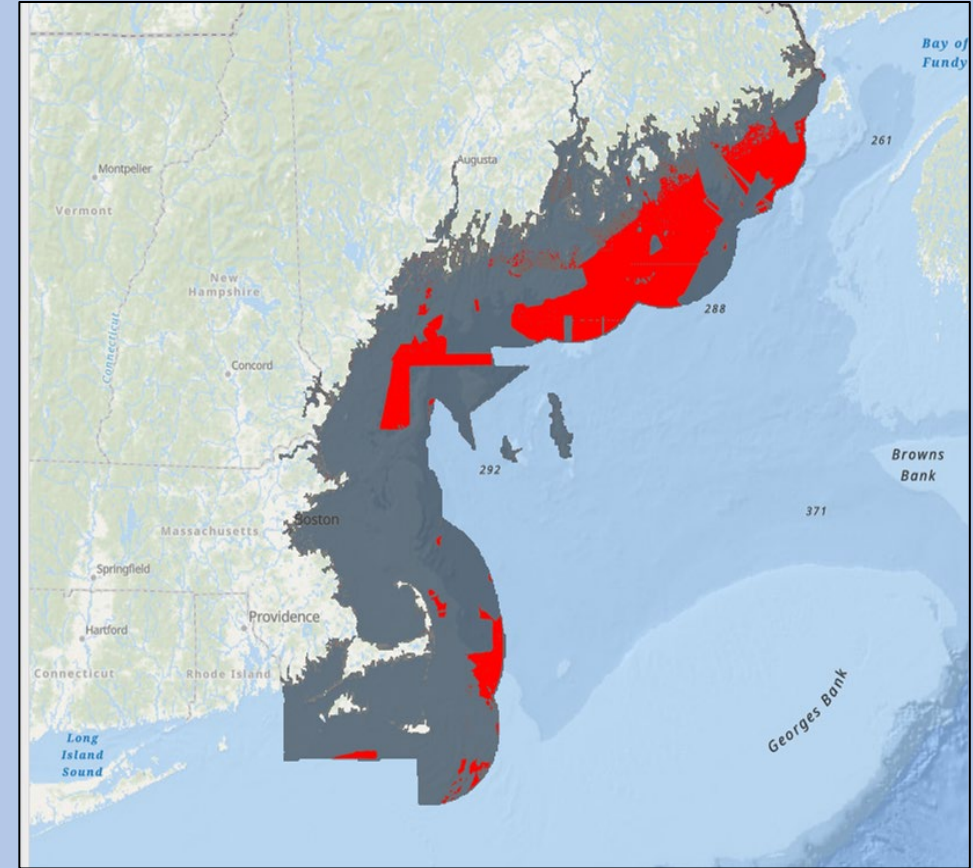
Featured Activities:

- Seascapes 1 and 2
- Seafloor Mapping Prioritization
- CMECS Updates
- Work Plan



Seascapes 1

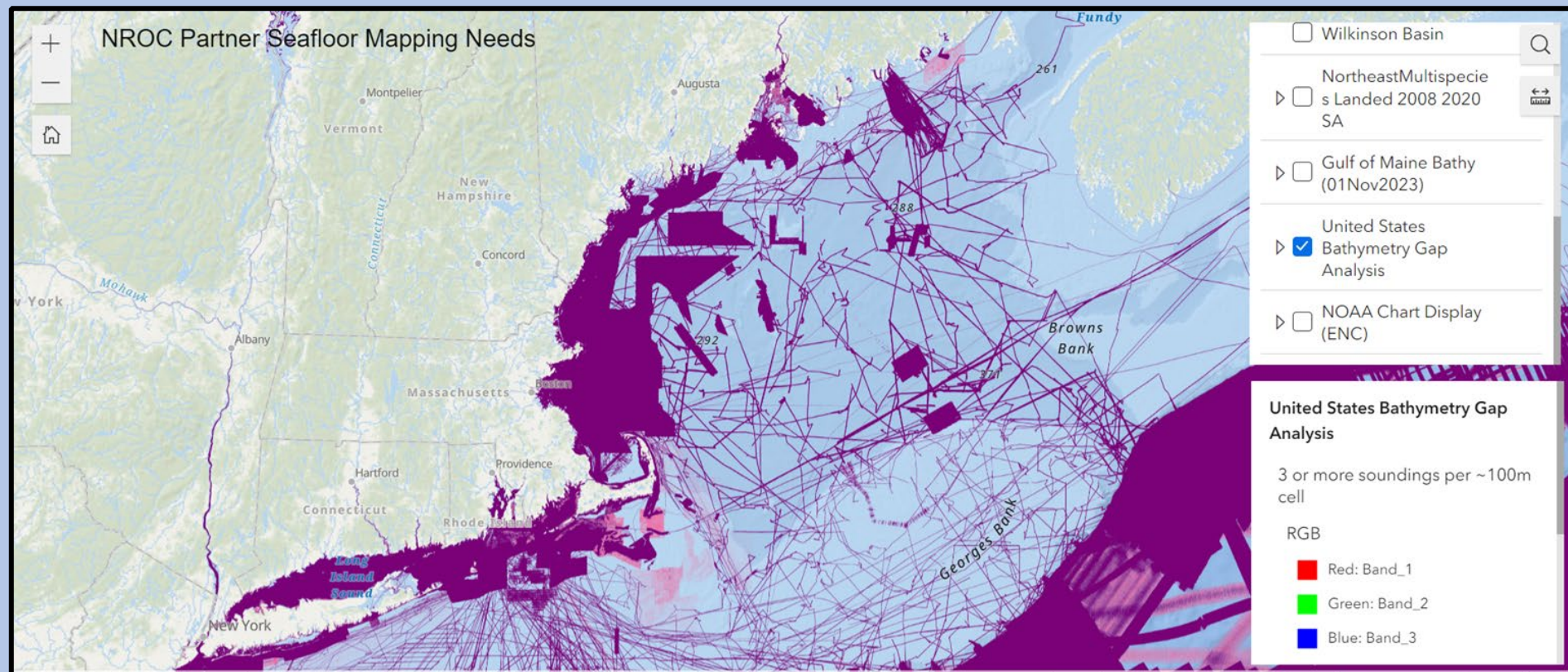
- **MA/ME/NOAA Seascapes 1 Project** identified major gaps in bathymetry in GOM
- **MA/ME identified a priority area** (“The Pistol”) - funded by MCM
- **HCOM leadership decided to expand gaps identification project** to entire NROC area



*Areas of Low Confidence Bathymetry,
Seascope 2 Area*

Seascapes Highlighted a Need for Basic Seafloor Data

- Identify areas within the NROC region that need additional seafloor data
- Establish partnerships to continue coordination
- Identify funding to fill those gaps



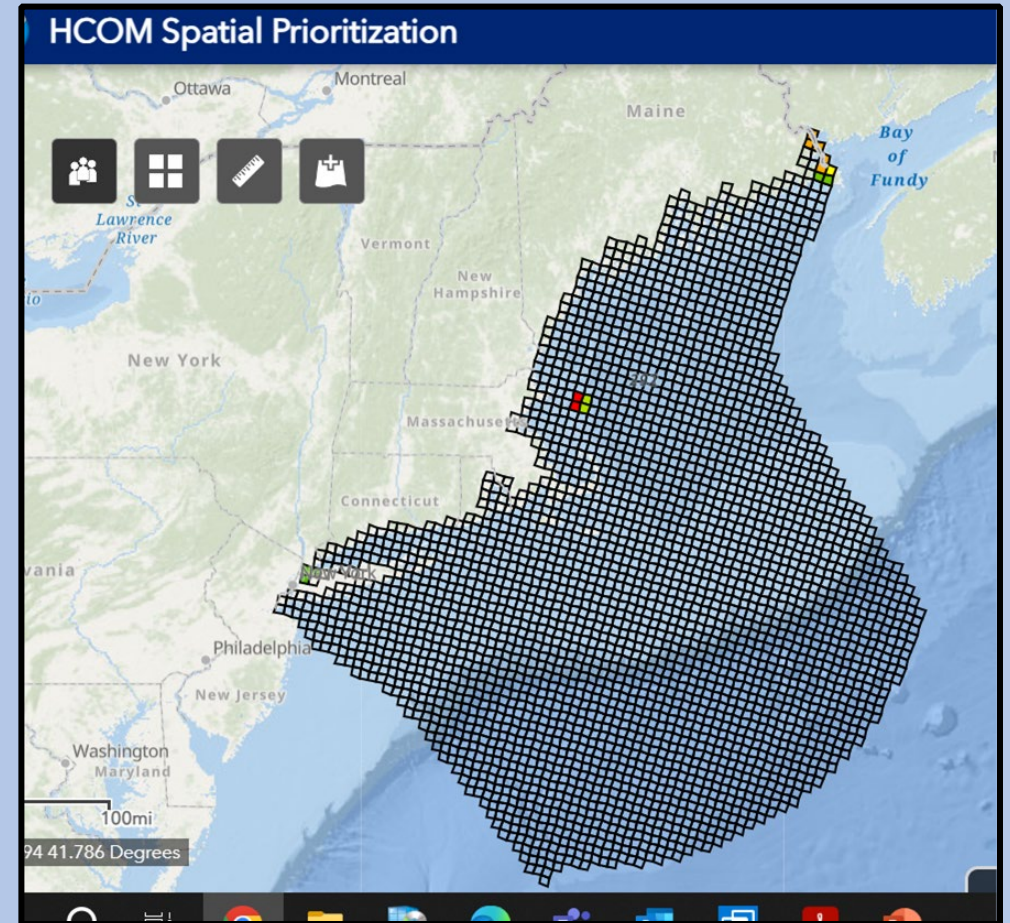
Seafloor Mapping Needs Prioritization Process

When? June, November 2023

Who? Six states, seven federal agencies, and three non-governmental organizations

How?

- Selected primary, secondary, and tertiary management needs
- Selected primary, secondary, and tertiary data types.



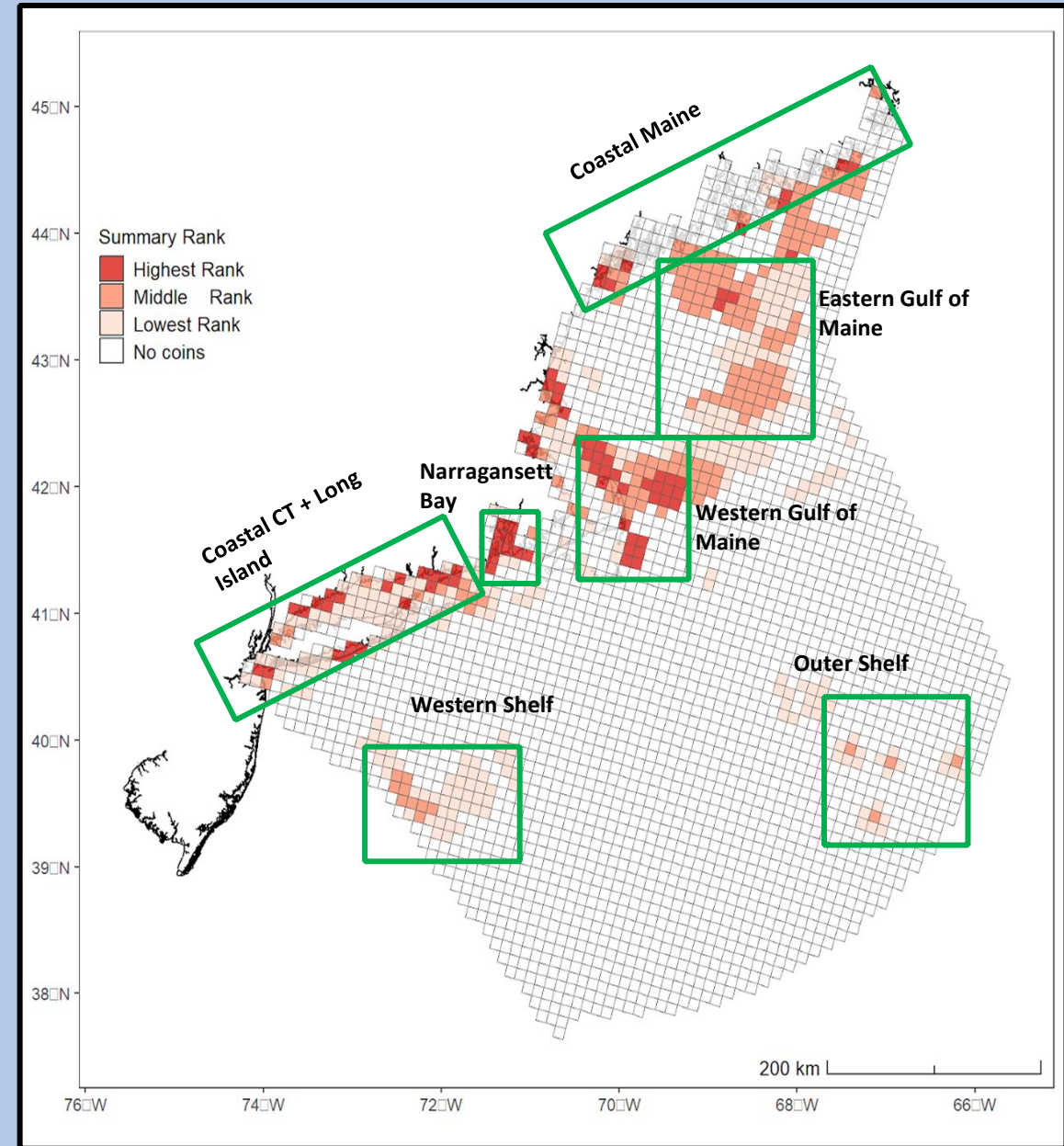
With **significant assistance** from NOAA NCCOS & OCM

--NOAA OCM, NMFS, FSC and BOEM did not participate in site selection

Building on Prioritization Results

- Collective review of results by stakeholder groups
- Post-Survey workshop and interviews
- Identifying potential projects/funding
- Report being finalized - June

Focal areas in the northeast identified using highest summary rank.



Seascapes 2 Update

2024 Status

- Bathymetric derivatives accepted
- Geoform product in review
- Interpreted layers (ex. Paleodeltas) soon to be developed.
- Methods under evaluation (ESRI vs. BRESS)
- Exploring applying the approach to new geographies (RWSC)

