Portal Update and Potential Projects

November 30, 2023
Recent and Potential Ocean Planning Issues

- Offshore wind leasing
- Offshore wind project development & permitting
- Offshore wind wildlife & fisheries research
- Energy transmission
- Waterways management and navigation
- Telecommunications
- Aquaculture
- Dredged material disposal
- Habitat & biodiversity conservation
- Sand & sediment management
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Portal in Action

Portal Provides In-Person Support for BOEM Offshore Wind Planning Meetings
February 14, 2023

- Portal-hosted webinars on new data/tools
- Gulf of Maine Task Force
- Environmental Business Council Ocean and Coastal Resources Work Group
- Regional Wildlife Science Collaborative Subcommittee meetings
- New England Fishery Management Council meetings
- Port operator groups and safety forums
- CoastalGeoTools (biennial)
- American Clean Power Offshore Windpower
- Coastal and Estuarine Research Federation (biennial)
- Northeast Arc Users Group
- Regional Association for Research in the Gulf of Maine
- National Marine Educators Association
- New England Ocean Sciences Education Collaborative
- Northeast Aquaculture Conference (biennial)
- Boston Sea Rovers
- Maine Fishermen’s Forum
- NOAA Office for Coastal Management Regional Ocean Data Sharing Work Group

Demonstrations and trainings for agencies, industry groups, and other entities
Current IIJA funding through November 2024

Updates and enhancements to Northeast Ocean Data Portal map interfaces, website, data services, and IT infrastructure

• Many years, significant increases in portal use, and many new website and mapping requirements since the last complete overhaul and redesign in 2015
• Upgrade user mapping and visualization tools and enhance connections to core external data providers
• Improve integration of Portal webpages and contextual information with map interfaces and data products
• Increase the ability for users to view select data products at multiple geographic scales
• Provide ability for place-based or specific management focused tools and analyses
Potential IIJA Projects 2025-2027

- Recreational boating, party/charter fishing, and private recreational fishing
- Maritime industry
- Commercial fishing
- Marine life and habitat
- Seafloor mapping data archive
- Unexploded ordnance
- Energy transmission planning
- Marine carbon dioxide removal
- Research planning data and applications

- Data that inform these layers are >10 years old
- Requires lots of outreach
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- Pilot application derived from NROC/INSPIRE seafloor data standardization project funded by BOEM, MassCEC, RIDEM
- Review and development with NROC and RWSC Habitat & Ecosystem Subcommittee, includes offshore wind developers
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- Each offshore wind developer provides data when new or moved ordnance has been discovered.
- It is currently unknown whether these data are integrated into a comprehensive map that could be used in planning.
- Could be addressed by NOAA.
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- A forum or webinar in 2024 will likely include a discussion on specific data requirements for better understanding mCDR projects, their potential impacts, and potential benefits.
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- Track monitoring and research activities and provide single-point access (data catalog) to the many existing data archives – for multiple NROC Committees’ work
- Leverage RWSC funding for map tool
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Questions?