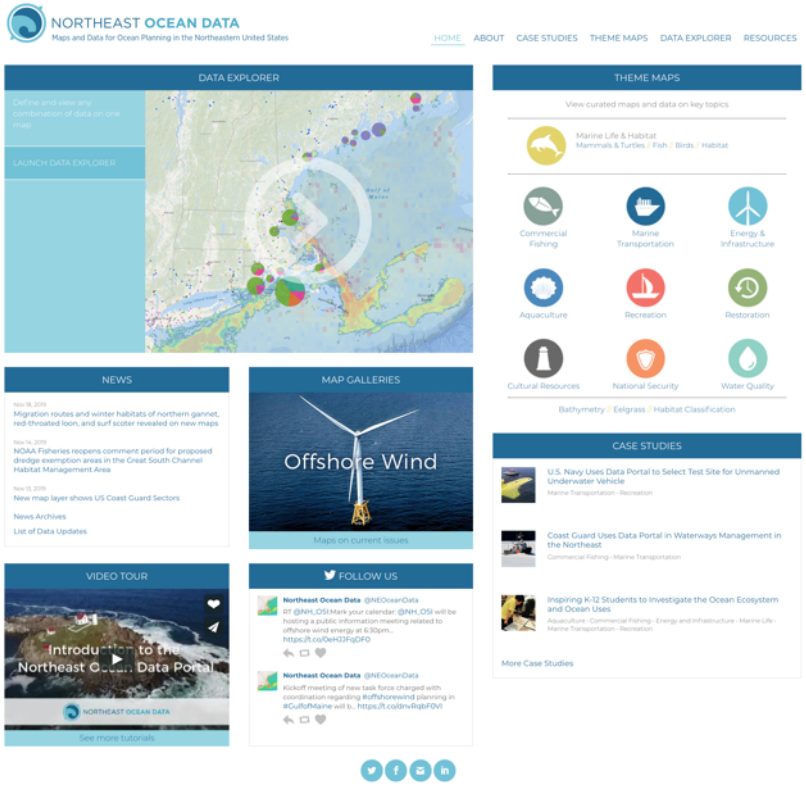
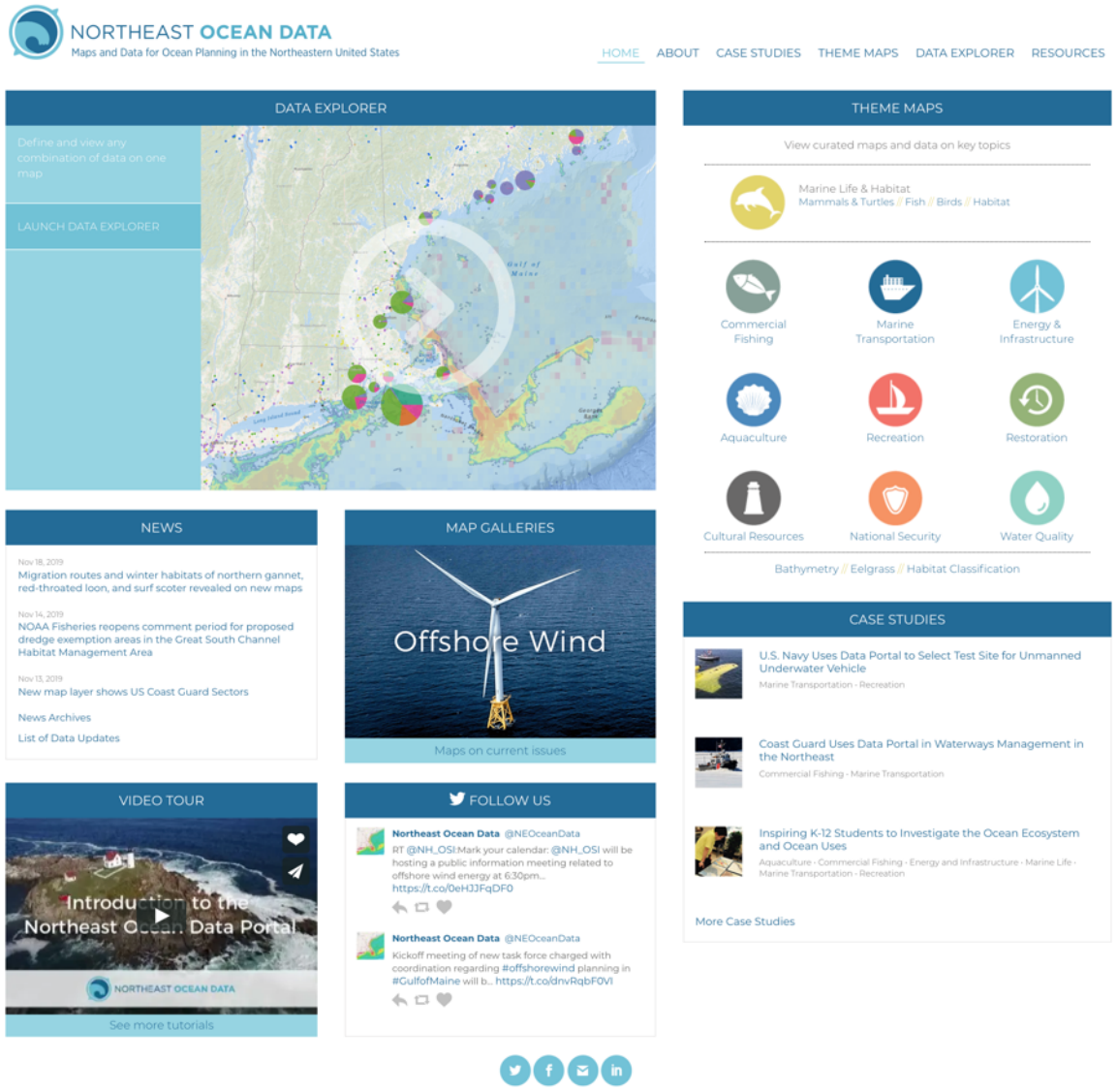
Northeast Ocean Data Portal Update

NROC #5
Northeast Regional Ocean Council

Nick Napoli, NROC
January 28, 2020





- Source of over 5,000 map products showing the footprint of activities and resources
- Products derived from federal, state, tribal, research/academic, and stakeholder sources
- Informed and vetted by regional experts, agencies, and stakeholders
- Multiple ways to obtain data and information

www.NortheastOceanData.org

Select Uses of the Northeast Ocean Data Portal

Planning and Management

- New England Fishery Management Council (NEFMC) Deep Sea Coral Amendment Alternatives
- NEFMC Clam Dredge Exemption Framework Alternatives
- USCG waterways management, including deploying aids to navigation and ice breaking assets
- USCG Port Access Route Study (PARS) – Nantucket Sound
- US Navy identify areas for testing underwater autonomous vessels and potentially affected stakeholders
- NOAA charts
- CT Blue Plan for Long Island Sound
- NY Geographic Information Gateway
- NYSERDA Offshore Wind Master Plan
- Boston Harbor Barrier Feasibility Study
- MA oil and hazardous materials flow study

Regulatory and Siting

- Northeast Wind Energy Area Transit Corridor Development
- Vineyard Wind EIS
- New York Draft Wind Energy Areas
- NEMAC Mussel Farm sited in Mass Bay – first shellfish farm in federal waters on Atlantic Coast
- Ocean dredge material disposal site designation – Isles of Shoals
- NERACOOS wave buoy sited in Cape Cod Bay to inform mariners transiting the canal
- Manna Fish Farm Alternative Siting Analysis
- Proposed Atlantic Link Transmission Cable through the Gulf of Maine – proposed and alternative routes and permitting process details provided via Portal
- States use Portal to inform coastal effects test and federal consistency under CZM

Regulatory and Siting (continued)

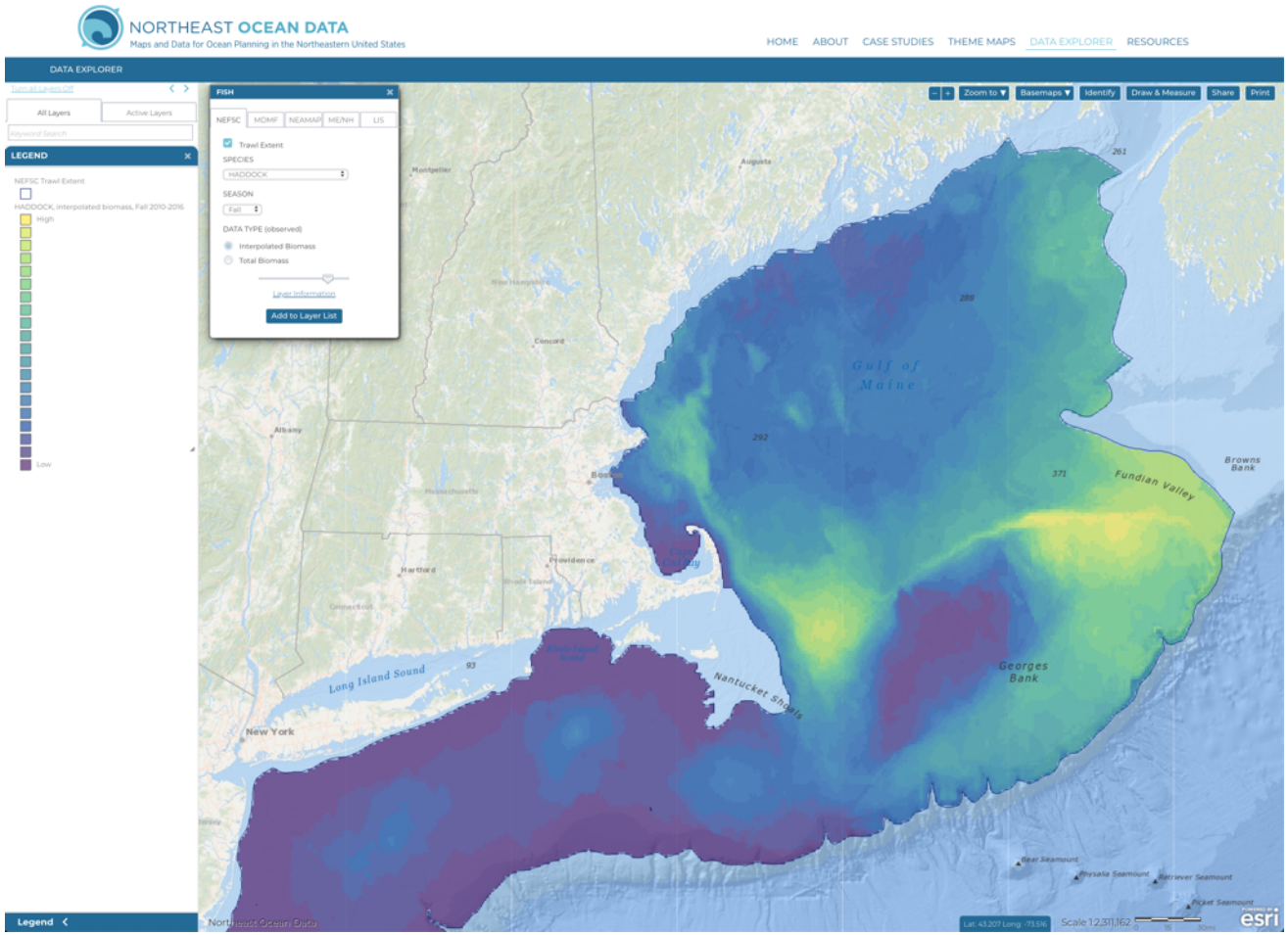
- EPA to review other agency EA and EIS and comment on other agency actions
- USACE regulatory division permitting
- NOAA Office of Habitat Protection and Protected Resources Division consultations
- BOEM Guidelines for Renewable Energy Activities
- Massachusetts Aquaculture Siting Tool – MA-ShellfAST
- Consultants supporting permitting and leasing
- Consultants and technology companies developing custom apps for regulated clients

Education and Research

UMass Dartmouth; UMass Boston; UMaine; Brown; Boston University; URI; Island Institute; Pew; Old Dominion University

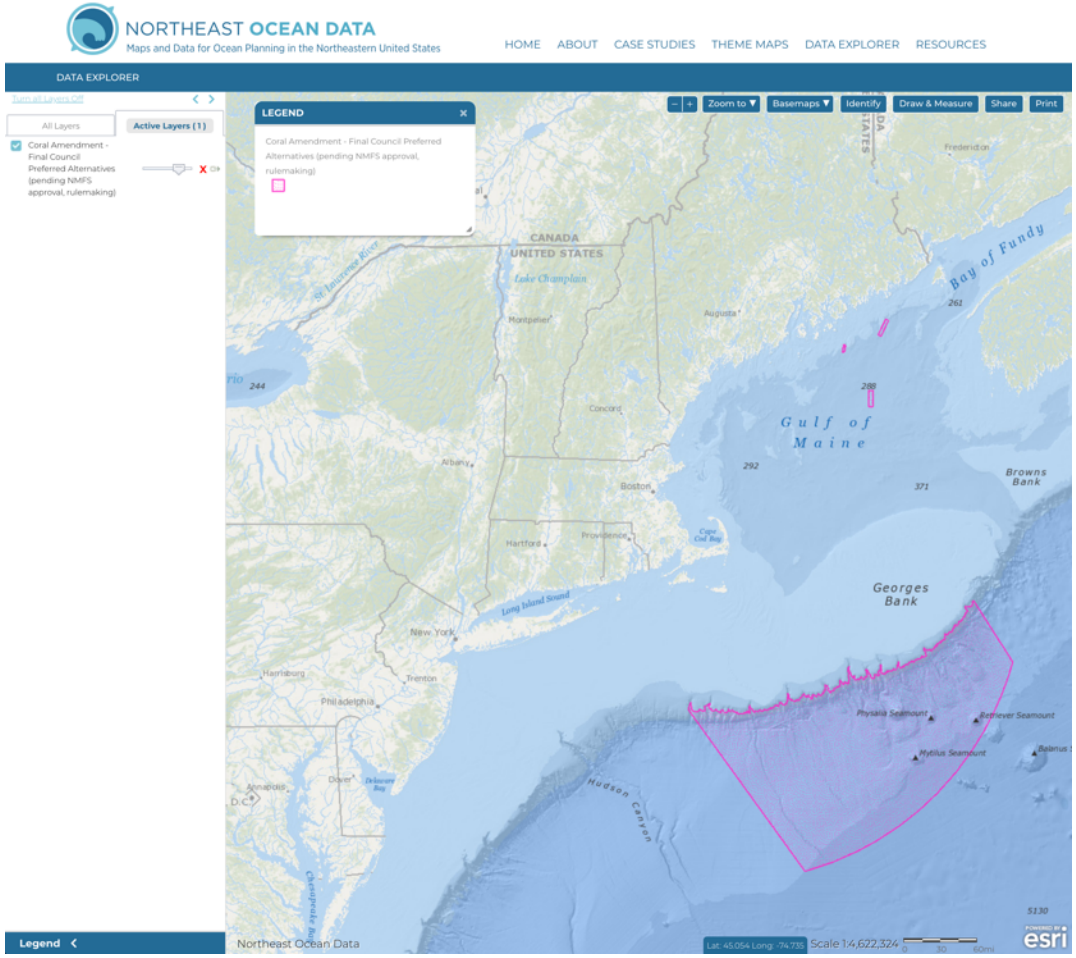
Relevant Recent Projects with Partners

- NEFSC Trawl – Species Biomass for Spring and Fall trawls
- Partners: NOAA NEFSC, Rutgers, Duke Marine Geospatial Ecology Lab, MARCO Portal
- Uses NEFSC methods and code
- Live on portal since last summer



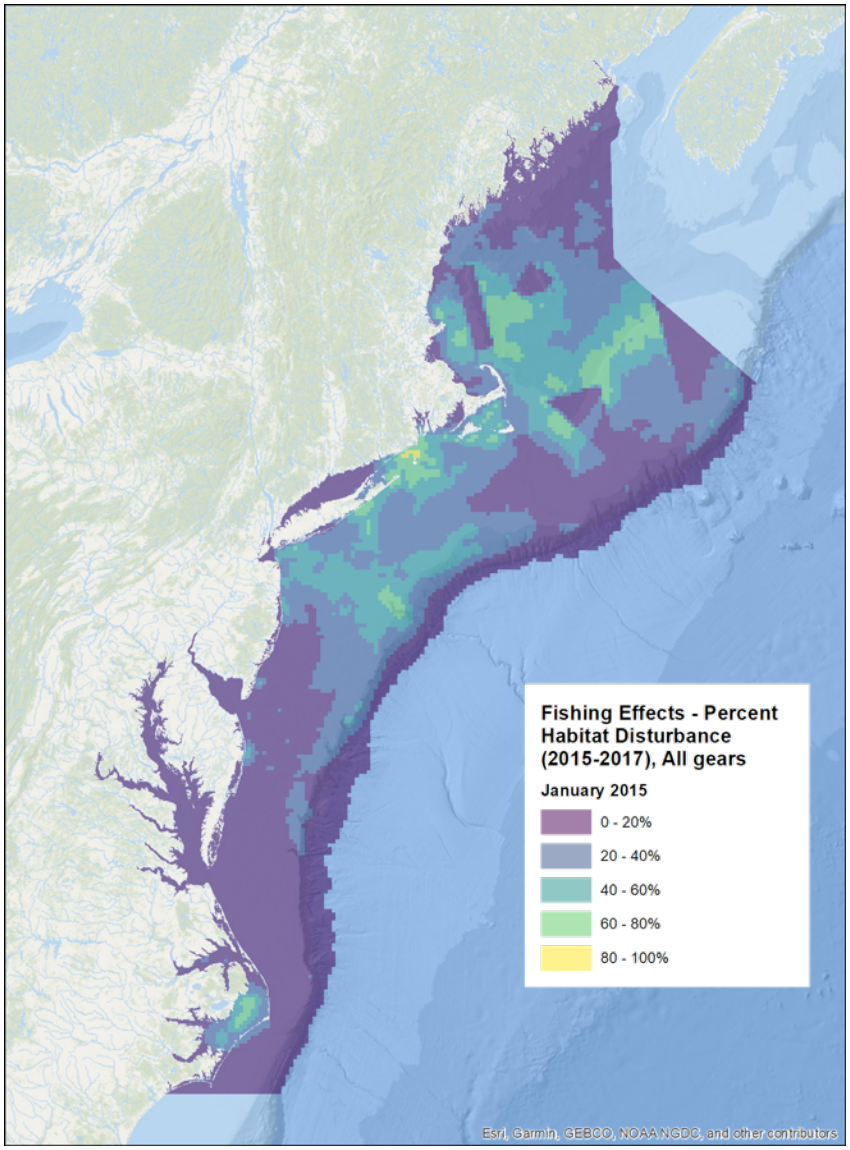
Relevant Recent Projects with Partners

- Deep-Sea Coral and Clam Amendment Alternatives
- Partners: NEFMC, NMFS
- Provided as resource for public comment periods



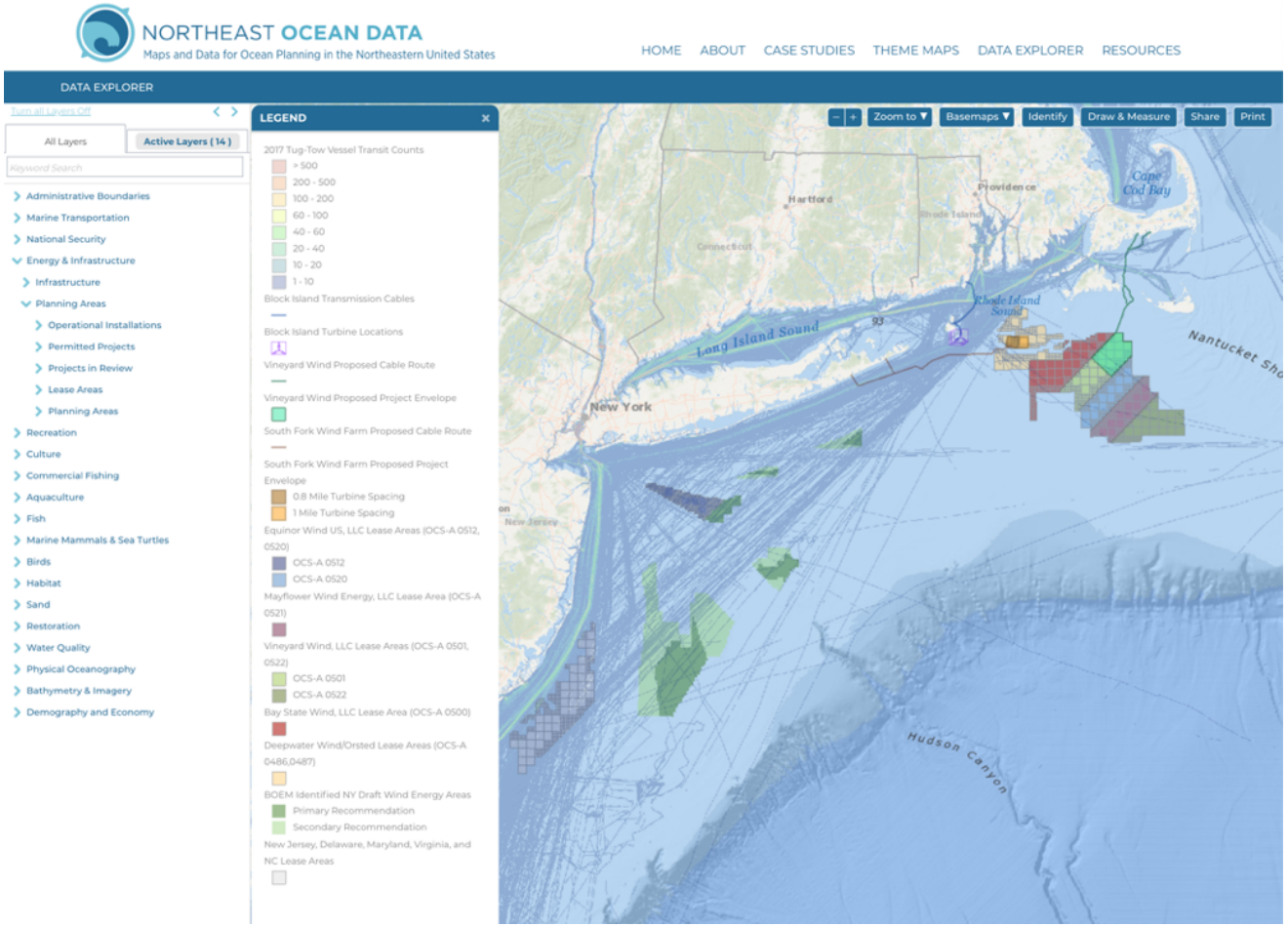
Relevant Recent Projects with Partners

- Fishing Effects Model
- Partners: NEFMC, NMFS, States, SMAST
- Currently working with Habitat PDT on overall presentation strategy via Portal



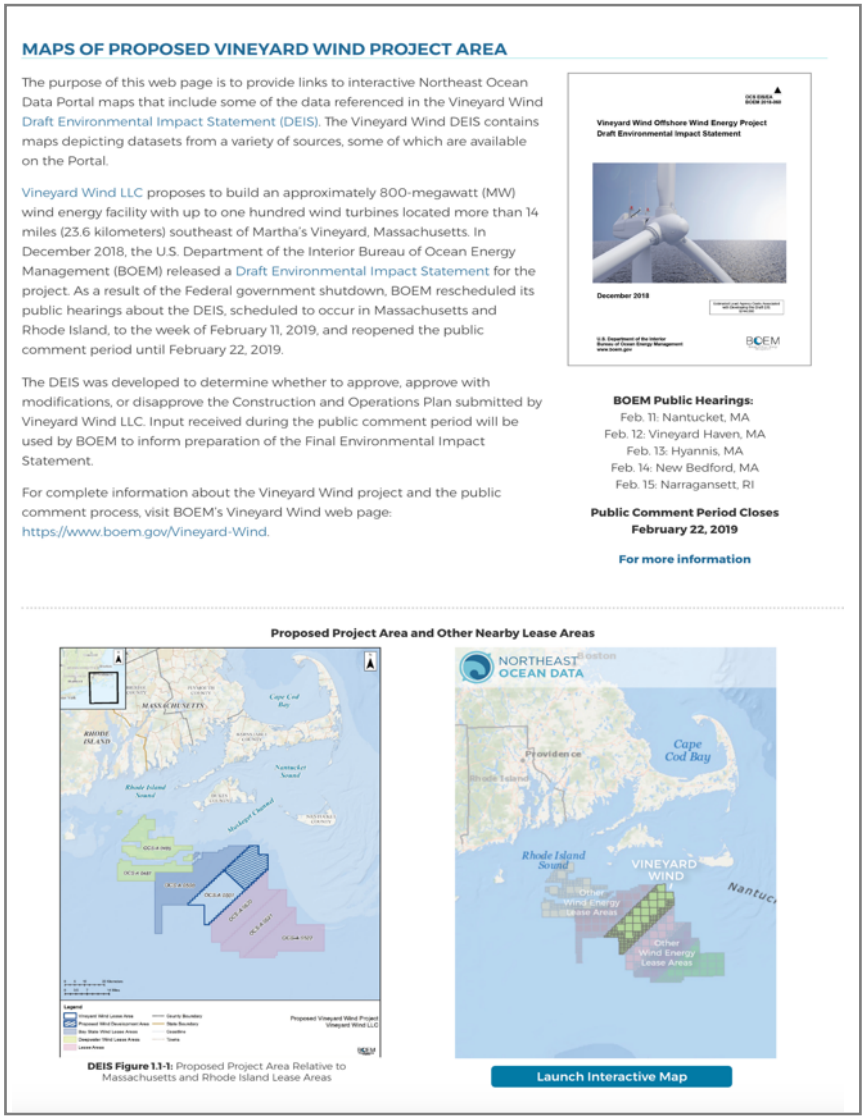
Relevant Recent Projects with Partners

- Data for energy planning areas and projects at different stages
- Partner: BOEM
- Proposed project envelopes and cable routes once a COP is submitted and deemed complete by BOEM
- Ability to overlay data (and access other functionality) using Data Explorer tool



Relevant Recent Projects with Partners

- Specific Offshore Wind Project Pages
- Partner: BOEM
- Available when Draft EIS (DEIS) is released
- Contains relevant data and maps from DEIS
- Includes other information and access to BOEM materials



MAPS OF PROPOSED VINEYARD WIND PROJECT AREA

The purpose of this web page is to provide links to interactive Northeast Ocean Data Portal maps that include some of the data referenced in the Vineyard Wind Draft Environmental Impact Statement (DEIS). The Vineyard Wind DEIS contains maps depicting datasets from a variety of sources, some of which are available on the Portal.

Vineyard Wind LLC proposes to build an approximately 800-megawatt (MW) wind energy facility with up to one hundred wind turbines located more than 14 miles (23.6 kilometers) southeast of Martha's Vineyard, Massachusetts. In December 2018, the U.S. Department of the Interior Bureau of Ocean Energy Management (BOEM) released a Draft Environmental Impact Statement for the project. As a result of the Federal government shutdown, BOEM rescheduled its public hearings about the DEIS, scheduled to occur in Massachusetts and Rhode Island, to the week of February 11, 2019, and reopened the public comment period until February 22, 2019.

The DEIS was developed to determine whether to approve, approve with modifications, or disapprove the Construction and Operations Plan submitted by Vineyard Wind LLC. Input received during the public comment period will be used by BOEM to inform preparation of the Final Environmental Impact Statement.

For complete information about the Vineyard Wind project and the public comment process, visit BOEM's Vineyard Wind web page: https://www.boem.gov/Vineyard-Wind.

BOEM Public Hearings:
Feb. 11: Nantucket, MA
Feb. 12: Vineyard Haven, MA
Feb. 13: Hyannis, MA
Feb. 14: New Bedford, MA
Feb. 15: Narragansett, RI

Public Comment Period Closes
February 22, 2019

For more information

Proposed Project Area and Other Nearby Lease Areas

DEIS Figure 1.1-1: Proposed Project Area Relative to Massachusetts and Rhode Island Lease Areas

Launch Interactive Map

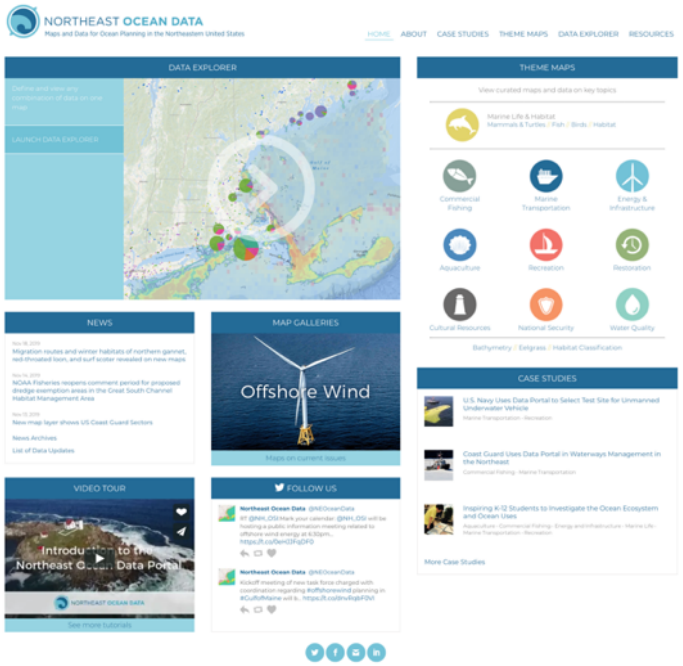
Updating Commercial Fisheries Data on the Northeast and Mid-Atlantic Ocean Data Portals

Nick Napoli, NROC & MARCO
Fiona Hogan, RODA

NROC
Northeast Regional Ocean Council

MARCO
Mid-Atlantic Regional Council on the Ocean

RODA



Updating Commercial Fisheries Data on the Northeast and Mid-Atlantic Ocean Data Portals

Project Partners:

- **Responsible Offshore Development Alliance (RODA)** – coalition of fishing industry associations and fishing companies with an interest in improving the compatibility of new offshore development with their businesses

- **Northeast Regional Ocean Council (NROC)** - voluntary forum for states, federal agencies, and other regional organizations formed by the New England Governors in 2005

- **Mid-Atlantic Regional Council on the Ocean (MARCO)** - state partnership to address shared regional priorities and provide a collective voice formed by the Governors of New York, New Jersey, Delaware, Maryland and Virginia in 2009

Updating Commercial Fisheries Data on the Northeast and Mid-Atlantic Ocean Data Portals

Funding:

Federal appropriation through NOAA to NROC and MARCO for regional data sharing for management decisions

Duration:

January through September 2020

Project Outcomes:

- Guidance for and updated maps on the NE and Mid-A portals with new years, additional products, and understanding of current and potential uses

- Upfront and consistent industry engagement on data product development and use via RODA convened focus groups

Updating Commercial Fisheries Data on the Northeast and Mid-Atlantic Ocean Data Portals

Early Project Outreach Through February

- Understand current and planned data efforts by organizations in both regions (focus is on data characterizing the use of the ocean by the fishing industry)

- Understand the current and potential uses of the data

- Obtain feedback on RODA's proposed approach to obtaining input from the industry

Next steps

Via RODA, obtain industry input on existing data efforts and potential additional data products or collection that may necessary

Updating Commercial Fisheries Data on the Northeast and Mid-Atlantic Ocean Data Portals

RODA's Proposed Industry Focus Groups

- Focus Groups
  - Organized meetings with fishermen at ports, or as part of other meetings (like a Council meeting) or webinars
- Council APs
  - Rely on Council Advisory Panels to provide fishery specific feedback
- Ad Hoc
  - Reach out to fishermen individually or as small groups