

The Mid-Atlantic Ocean Data Portal

OCTOBER 10, 2018

Nick Napoli

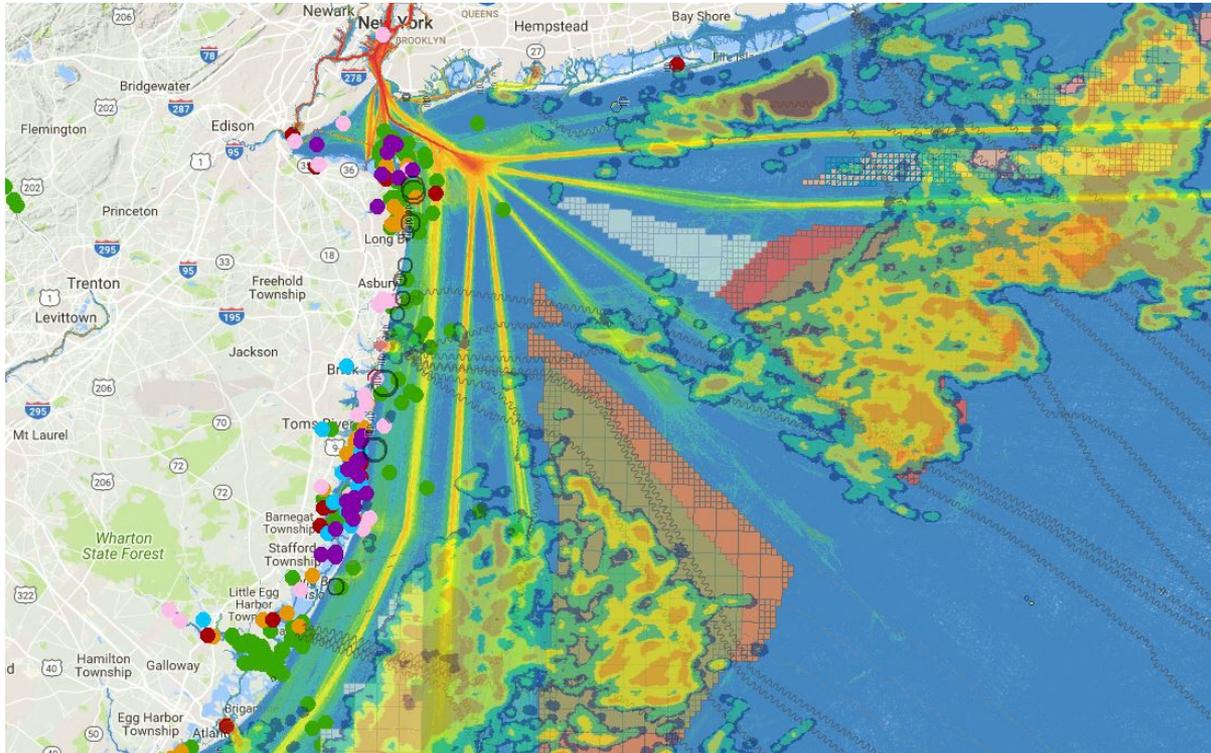
MARCO Ocean Data Portal Manager

Karl Vilacoba

Communications Director

Monmouth University Urban Coast Institute

The ocean is a busy place ...



...with new uses being proposed all the time.

Better Decisions With Better Information

- The Portal was established in 2009 with seed funding from Virginia
- It was the cornerstone of the regional planning process and the Mid-Atlantic Ocean Action Plan that was completed in 2016 under the Obama-era National ocean Policy
- In recent years, there has been a significant increase in its use by a range of partners, including government, industry, non-governmental organizations, and educational institutions.

What's on the Portal?



4,000+ map layers organized under 12 themes



All map products have been customized to address regional stakeholder needs and have been reviewed and vetted by experts



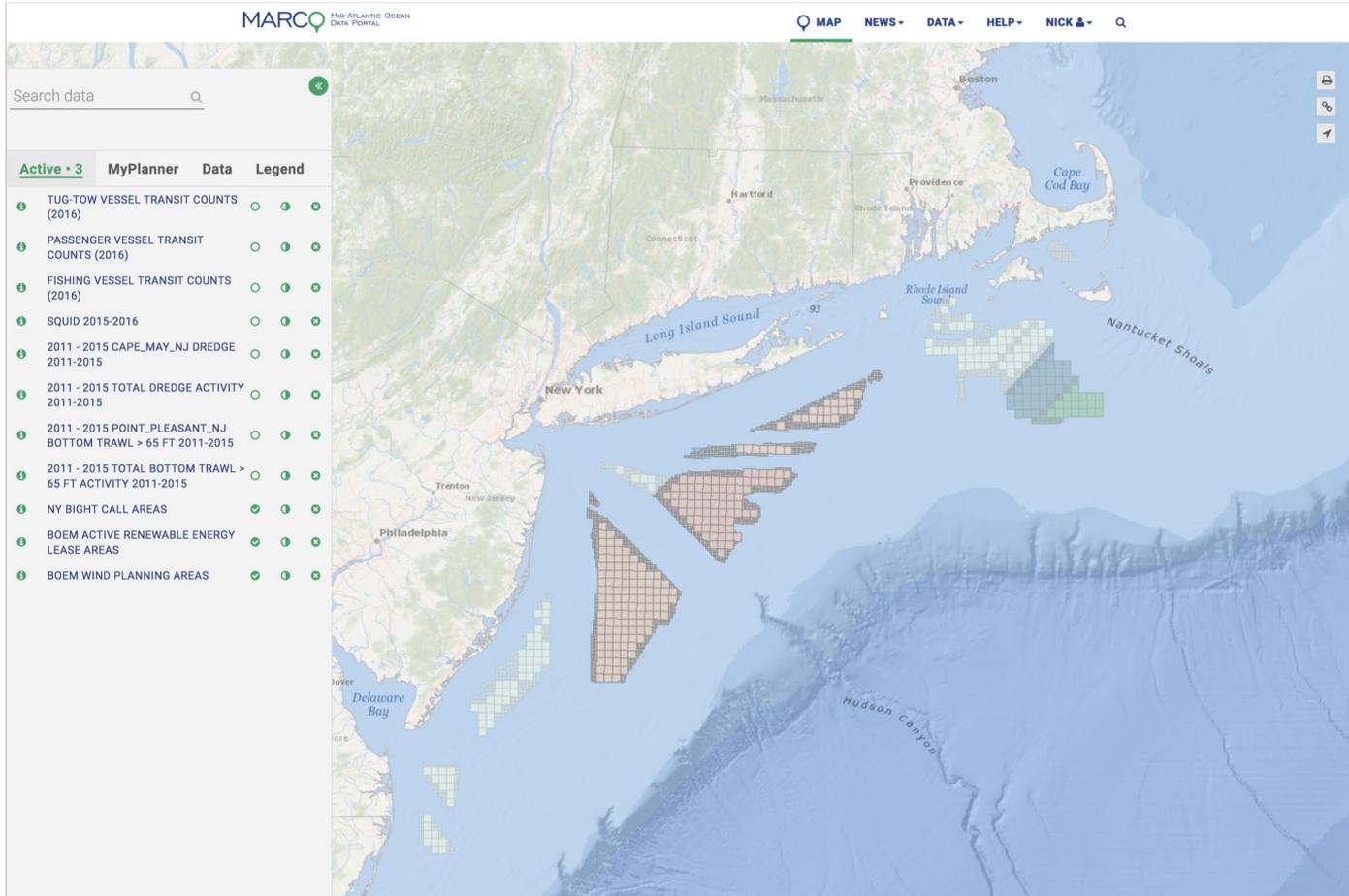
Tools for users to share maps and collaborate in groups



Instructional and educational resources: Portal blog, "Ocean Stories," calendar, webinars

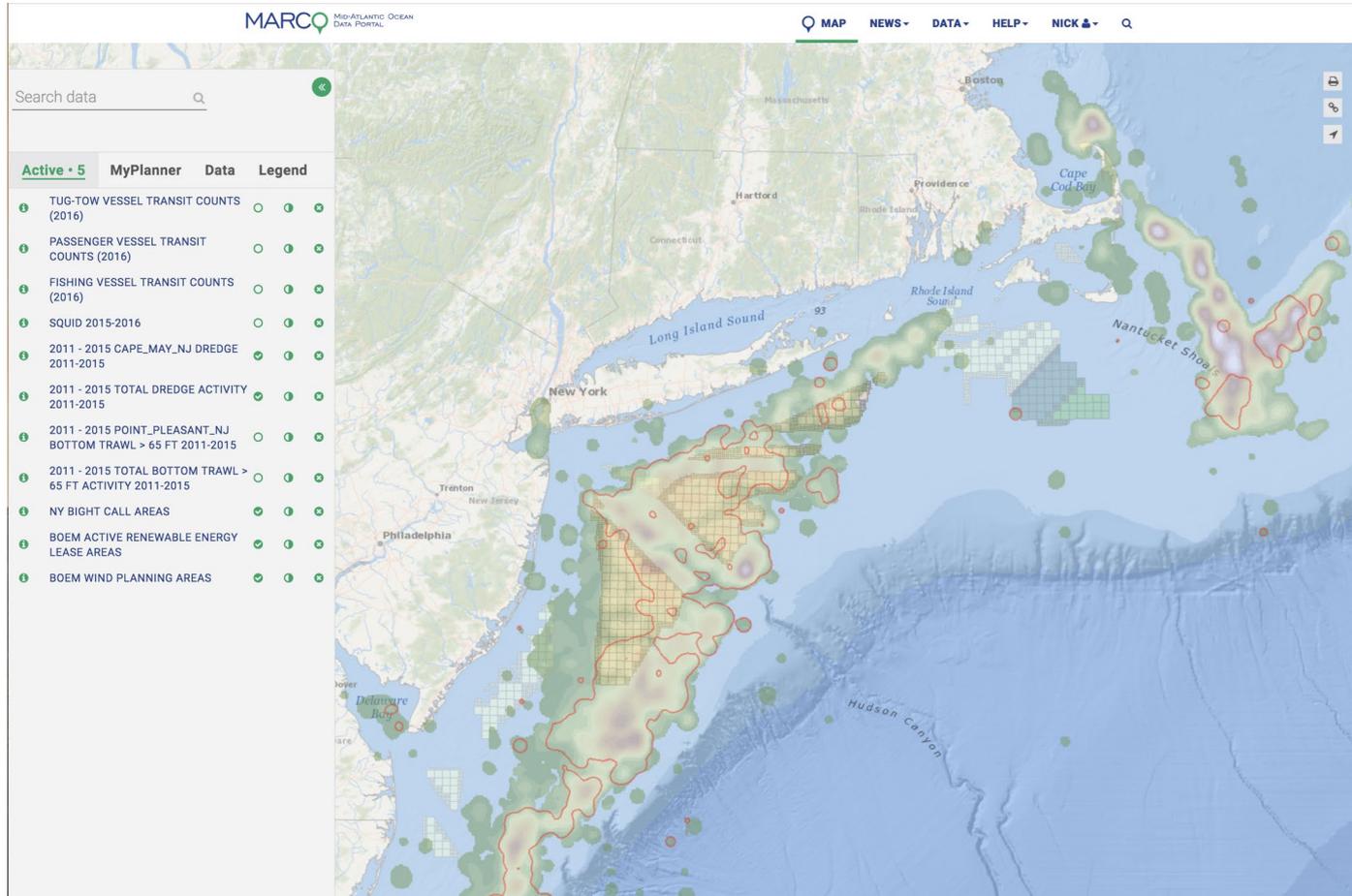


Portal Uses – Offshore Wind



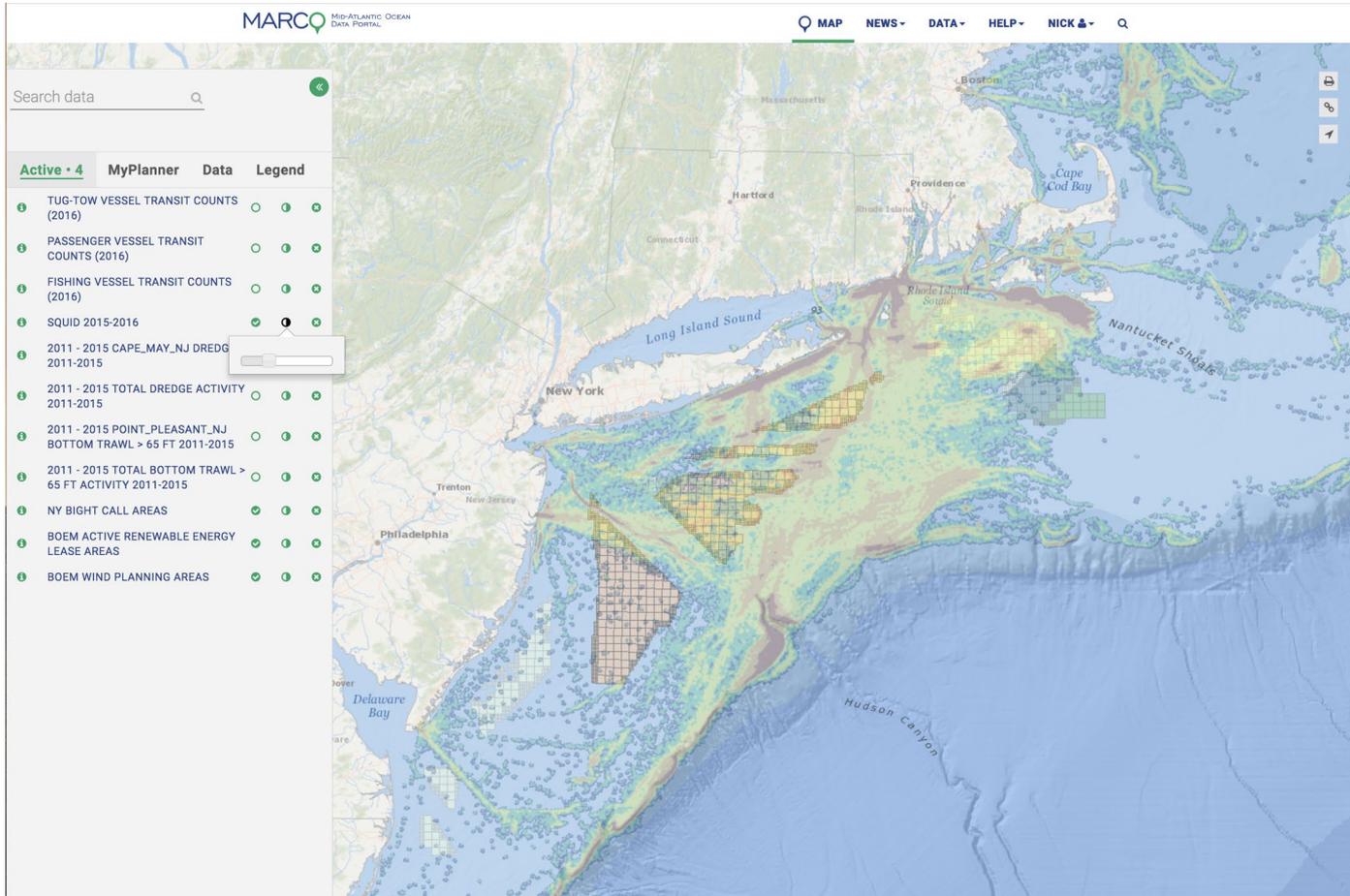
Offshore Wind
Energy Areas

Portal Uses – Offshore Wind



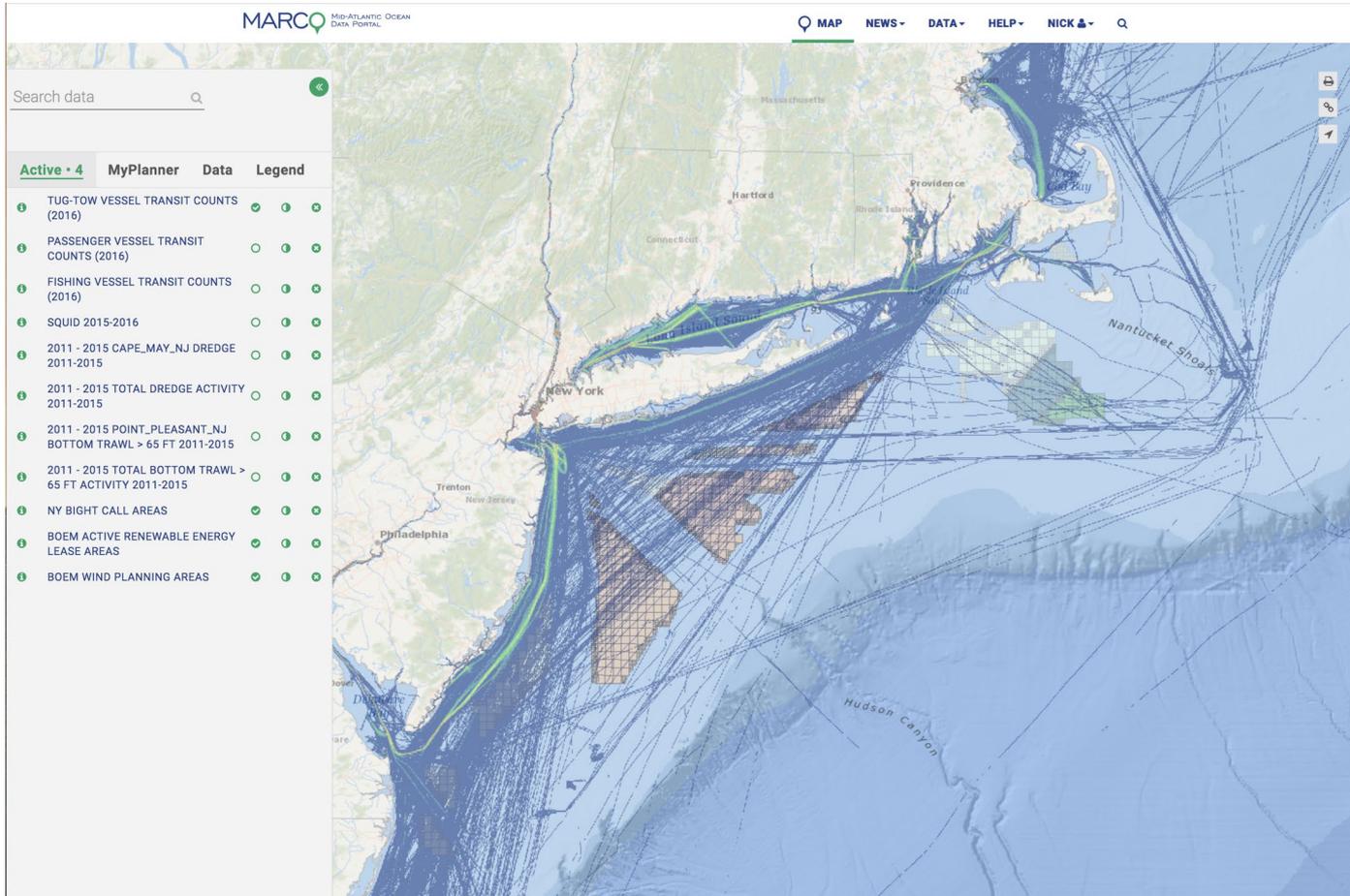
Cape May Dredge
2011-2015

Portal Uses – Offshore Wind



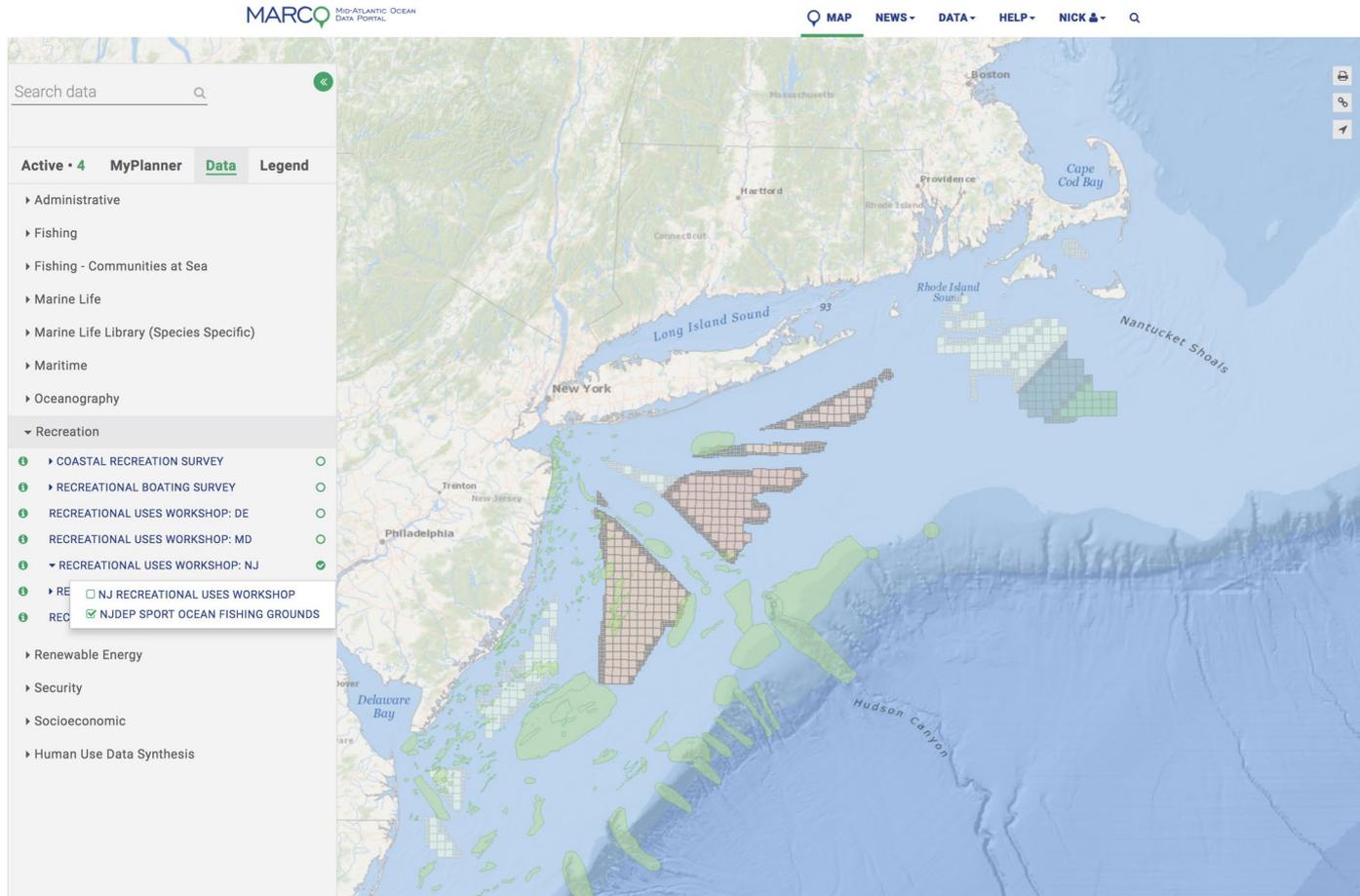
Squid Fishing
2015-2016

Portal Uses – Offshore Wind



Tug-Tow Vessels
2016

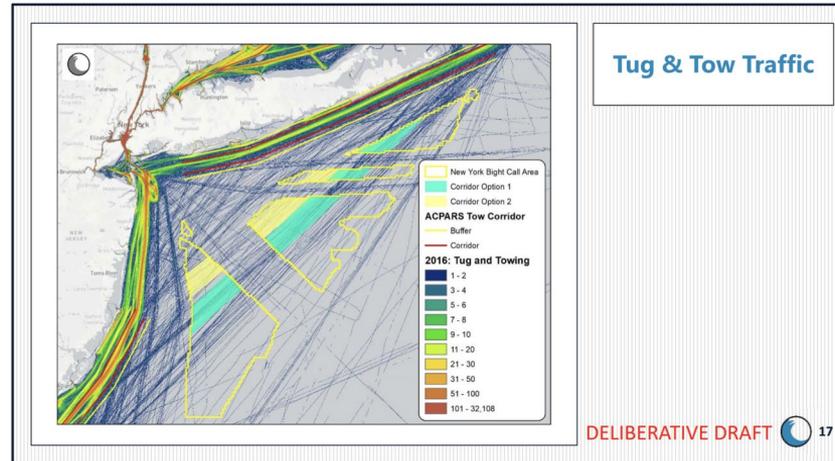
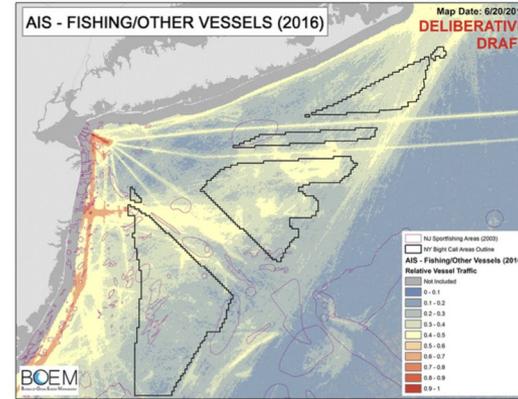
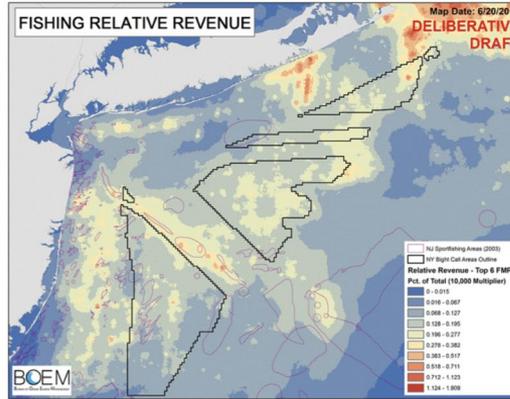
Portal Uses – Offshore Wind



NJ Sport Fishing Areas

Portal Uses – Offshore Wind

Recent BOEM
Analyses using
Portal Data



Portal Uses – Education



2017 Exploring Local Waters: Hudson Canyon

A space for participants in the Wildlife Conservation Society's April 17 course "Exploring Local Waters: Hudson Canyon" to share resources.

Group Information

Group since: March 20, 2017

Owned by: Karl Vilacoba

[Manage map group](#)

Preferences

Share my real name with this group.

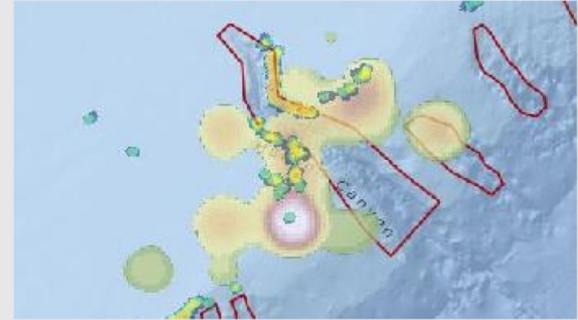
Shared Items

Map Bookmarks

- canyons and monument
- Hudson Squid and Bottom Trawlers
- Hudson Whales & Sharks
- Hudson HUDS Fishing
- Canyons & Cables
- Cables and Canyons

Group Members

- Karl Vilacoba (you, owner)
- Amy Lin
- Anna
- Barbara Laursen
- Christine D.
- Crystal
- Danielle
- Dara Greenbaum
- Hilary
- hypha ottey
- Jen
- Margaret
- Maria
- Marie
- Meghan
- nickeisha
- Orjalique
- Rebecca
- Sarah



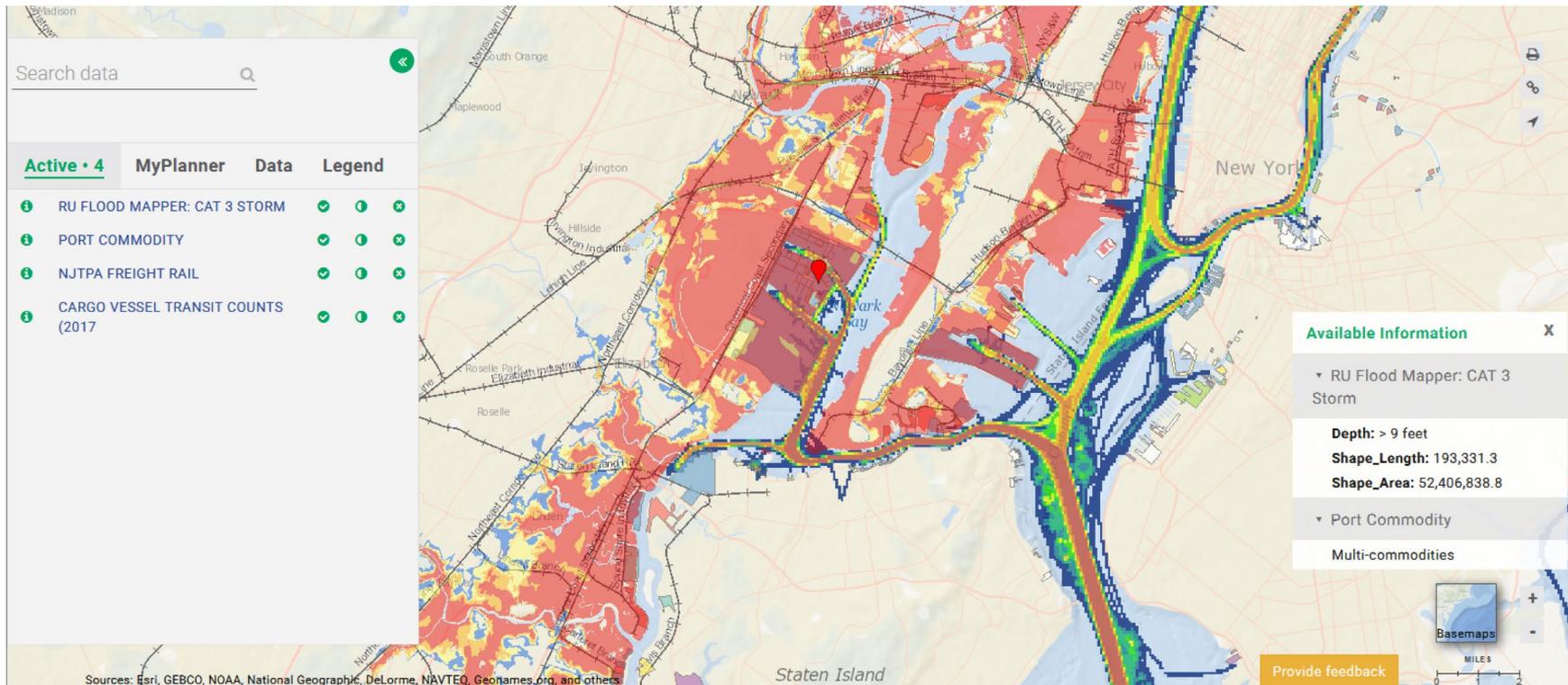
03.2017

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2017 Exploring Local Waters: Hudson Canyon

A space for participants in the Wildlife Conservation Society's April 17 course "Exploring Local Waters: Hudson Canyon" to share resources.

Portal Uses – Simulating Storm Impacts to NJ Freight Network with Input Tool





Trump Executive Order on Ocean Policy

“It shall be the policy of the United States to ... modernize the acquisition, distribution, and use of the best available ocean-related science and knowledge, in partnership with marine industries; the ocean science and technology community; State, tribal, and local governments; and other ocean stakeholders, to inform decisions and enhance entrepreneurial opportunity.”



The Mid-Atlantic Ocean Data Portal Team

The Portal is maintained by a team consisting of the Monmouth University Urban Coast Institute, The Nature Conservancy, Rutgers University's Edward J. Bloustein School and Center for Remote Sensing and Spatial Analysis, and Ecotrust under the guidance of MARCO.

It was developed with grant support from the State of Virginia, the Gordon and Betty Moore Foundation, and the National Oceanic and Atmospheric Administration (NOAA).

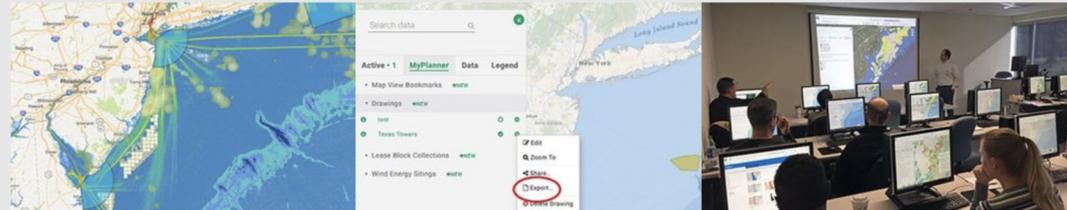
Portal.MidAtlanticOcean.org

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MARCO MID-ATLANTIC OCEAN
DATA PORTAL

MAP NEWS DATA HELP NICK



View Maps

Browse over 4,000 maps showing fishing grounds, marine life habitats and much more in Marine Planner



How to Use the Portal

Browse our library of tutorial materials, "How Tuesday" webinars and Portal use case studies



Collaborate

Work with friends in a Group, schedule a Portal training, or share your feedback and questions with us

