

What's on the Portal?

URL: portal.midatlanticocean.org

Email: portal@midatlanticocean.org



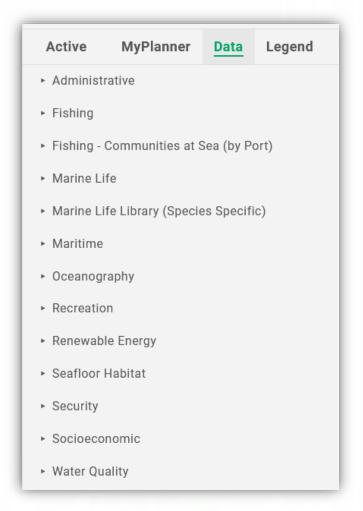
6,000+ map layers organized under 13 themes



Tools for users to share maps and collaborate in groups



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







The Mid-Atlantic Ocean Data Portal Team

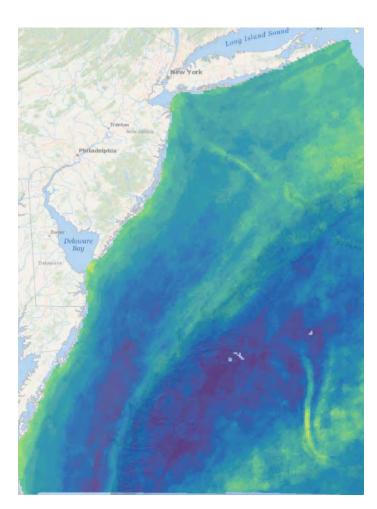
The Portal is maintained by a technical team consisting of the Monmouth University Urban Coast Institute, Rutgers University Center for Remote Sensing and Spatial Analysis, Duke University Marine Geospatial Ecology Lab, NYS Department of State, and Ecotrust under the guidance of MARCO.

It was developed with grant support from the Gordon and Betty Moore Foundation, National Oceanic and Atmospheric Administration, and the states of Virginia and New York.



Marine Life Data & Analysis Team Products

- AVIAN: Abundance, core abundance areas, and species richness for 22 groups (e.g. All Species, Coastal Waterfowl, Higher Collision Sensitivity); annual and seasonal distributions for 50 species
- FISH: Fall and spring biomass, species richness, and core biomass areas for 13 groups (e.g. All Species, Diadromous, Distribution Vulnerable to Climate Changes); seasonal distributions for 80 species
- MARINE MAMMAL: Total abundance, core abundance areas, and species richness for 8 groups (e.g. All Cetaceans, Baleen Whales, Sound Sensitivity Low Frequency); monthly and annual distributions for 30 species



All Avian Species: Core Abundance Area – Mid-Atlantic Scale

NEW: Marine Mammal Updates



North Atlantic right whale maps updated based on recent data and updated MGEL model



Cetacean group maps that include right whales updated



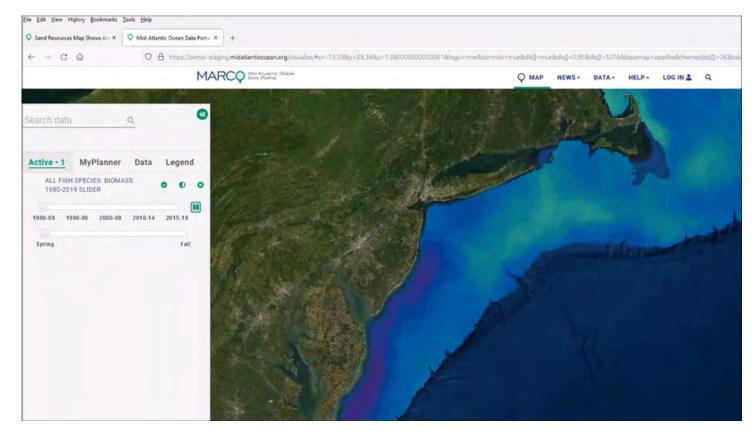
Updated sound sensitivity group maps



North Atlantic Right Whale, May Abundance

More Info at midatlanticocean.org/news

COMING SOON: Fish Updates



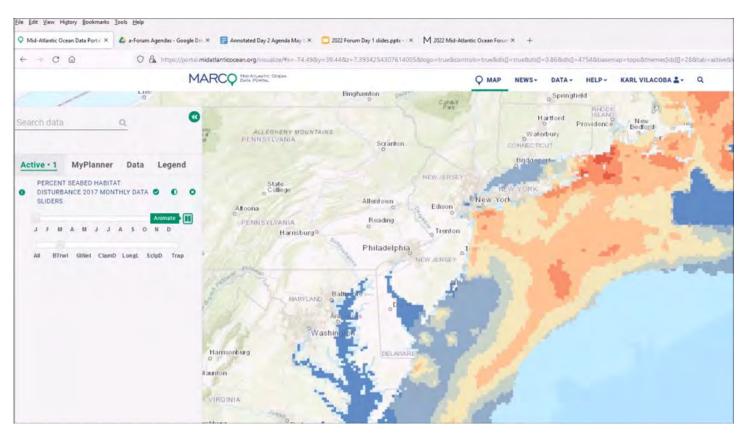
All Fish Species: Biomass 1980-2019 Slider (Draft)

- Maps for All Fish Species, Demersal Fish, Diadramous Fish and Forage Fish for 1980-89, 1990-99, 2000-09, 2010-14 and 2015-19
- Distributions of fish species potentially vulnerable to EMF





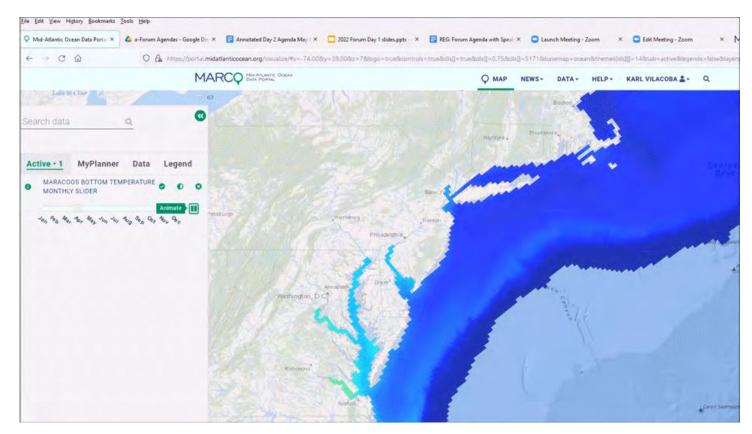
Seafloor Habitat Theme



Percent Seabed Habitat Disturbance 2017 Monthly Sliders (Bottom Trawl)

- Bathymetry of ocean floor and canyons
- Sediment types, seabed mobility and shear stress, shoals
- Artificial reef locations, modeled fishing effects

Also See: Oceanography Theme



MARACOOS Bottom Temperature Monthly Slider

- Long-term maps summarizing real-time data on MARACOOS OceansMap: surface temps, bottom temps, currents
- Net primary productivity, fronts, wind speeds



Thank You!

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