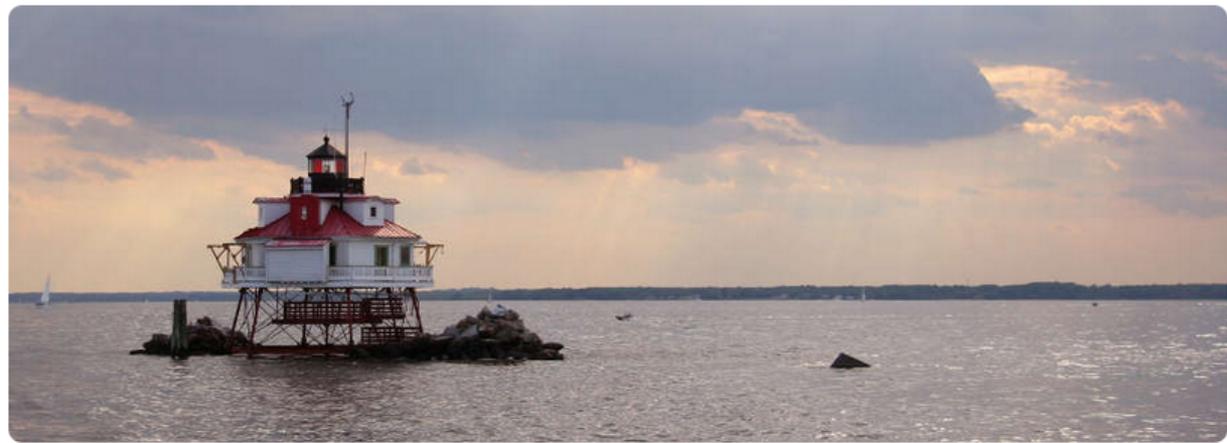


Mid-Atlantic Ocean Data Portal

Alfonso Lombana, Jay Odell, Laura McKay

Overview



- Learn**
 - Administrative
 - Fishing
 - Marine Life
 - Maritime
 - Recreation
 - Renewable Energy
 - Security
- Explore**
 - Data Catalog
 - Data Priorities
- Visualize**
 - Marine Planner
 - Cartography
 - Collaboration
 - Interactivity

The Need

regional ocean planning for supporting local communities. A
promote healthy ecosystems that are ecologically and economically vibrant across states and watersheds.
support sustainable energy development that has a minimal impact or benefit all. The Mid-Atlantic Regional Council on the Ocean is developing an accessible, scientifically-informed and adaptive approach to
adaptation to climate hazards, finding ways to engage all stakeholders in coastal and marine planning has never been easier. The Portal is a data and information management system that includes a wide range of human use, environmental, socioeconomic and regulatory data will provide the building blocks for multi-use, regional-scale ocean planning.

The Solution

The MARCO **online toolkit and resource center** will enable users to **view and analyze data** from a variety of sources, including marine, coastal, and ocean resources.
 The Portal serves a **enable stakeholders** to access and analyze essential data and information for **informed decision making** in coastal and marine planning.

Themes



Sections



RESOURCES FOR

SIT MARCO

 SEARCH

Help Sign In / Register

DATA ACTIVE (3)

SEARCH

Administrative

- Federal OCS Administrative Boundaries
- Marine Jurisdictions
- OCS Lease Blocks
- Regional Ocean Partnerships

Fishing

Marine Life

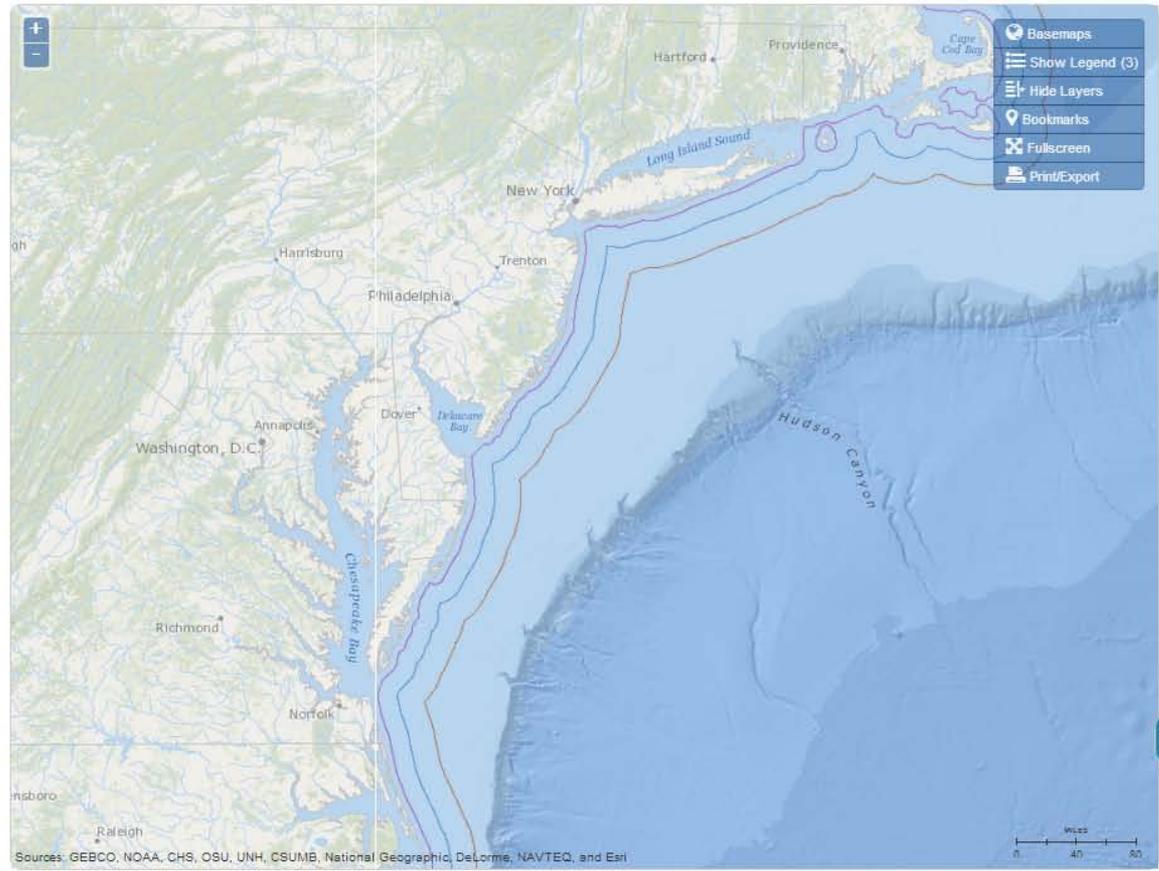
Maritime

Recreation

Renewable Energy

Security

feedback



needs.

"The Mid-Atlantic region supports a highly diverse array of commercial and recreational fishing activity, and other human uses. The MARCO Portal is an ideal tool to facilitate the important planning discussions associated with ocean uses and development within the region." *Rick Robins, Chairman, Mid-Atlantic Fisheries Management Council*

along with other maps and tools

Feedback



Visualize Mid-Atlantic ocean
uses and resources
Launch Marine Planner >

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Data Catalog

The Data Catalog gathers available data and recruits new data about ocean resources and human use information such as fishing grounds, recreational areas, shipping lanes, habitat areas, and energy sites. Data falls into one of eight themes. You can explore the data available under each theme, and you can also see the MARCO Portal's key new data needs under Data Priorities.

Explore Data Catalog

Data Priorities

The MARCO Portal is actively seeking new data in order to comprehensively inform the regional ocean planning process. The list highlights the Portal's top priorities at the moment. Please contact us if you have existing data we could use or would like to partner with MARCO in developing one or more of the data sets mentioned. And check back regularly for new requests.

Explore Data Priorities

Data gaps

Expected Date of Upload to Portal: As soon as vetted by Portal Data Review Team
Notes: Need to add summary SPUE grid for all three species assessed (green, leatherback and Atlantic loggerhead turtles) across seasons.

Maritime Data Needs

The Mid-Atlantic ports are some of the busiest in the nation's seaport network, which unloads \$3.8 billion in goods each day. [Learn More...](#)



Automatic Identification System (AIS) shipping data

AIS is an automated tracking system used on ships and by Vessel Traffic Services for identifying and locating vessels by electronically exchanging data with other nearby ships and VTS stations. AIS provides information such as unique identification, position, course, and speed.

Source: NOAA
Status: Data available
Contact: The Nature Conservancy
Expected Date of Upload to Portal: June 2012
Notes:

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Next steps

- a) Stakeholder engagement
- b) Participatory GIS
- c) Better and more data
- d) Decision support tools
- e) Reporting