Northeast Ocean Plan Northeast Regional Planning Body Meeting May 24, 2017



RPB MEETING OBJECTIVES



Hear from RPB members about how their organization is using the Northeast Ocean Plan and the Northeast Ocean Data Portal.

Review progress implementing the Northeast Ocean Plan.

Obtain public input and decide on next steps for implementing the Plan through the end of 2017.

TIMELINE



October - December (2016)

- Northeast Ocean Plan finalized and certified by the National Ocean Council
- RPB begins to organize itself for implementation

January - March

- Plan is adopted and signed by RPB leadership
- RPB begins implementing the actions in the Plan and developing associated materials for upcoming public conversations

April - May

- April 13 public webinar to provide an overview of implementation activities
- May 2 Stakeholder Forum in Portsmouth, NH
- May 24 RPB Meeting in Gloucester, MA

June - December (2017)

Continue implementation as determined today



Ocean Resources & Activities





















IMPLEMENTATION WORK PLAN OVERVIEW NORTHEAST OCEAN DATA PORTAL

- Communicating the use and role of the Portal
 - Portal use and case studies
 - Relationship of the Portal to the Plan and other data and information systems
- Updating ocean activity data
 - RPB actions to update data
 - Outreach to relevant stakeholders
- Updating marine life, habitat, and important ecological areas (IEA) data products
 - RPB actions to update marine life and habitat data
 - Advance IEA framework by developing draft data products for each component of ecological importance
 - Input on draft methods and products

IMPLEMENTATION WORK PLAN OVERVIEW MONITORING AND EVALUATION



What Monitoring & Evaluation?





establishes two tracks



Plan Performance Monitoring

Measure progress toward implementing the Plan's actions and achieving the Plan's goals and objectives

- Conditions before Plan
- Track implementation
- Obtain public input

Ecosystem Health Monitoring & Evaluation

Measure changes in the ecosystem, including human activities, to identify issues that may require management attention

- Baseline
- Indicators
- Obtain public input

Note: The Plan identifies both the Ocean Health Index (OHI) and the Integrated Sentinel Monitoring Network (ISMN) as two opportunities for evaluating ecosystem health.



Inform amendments and updates to the Plan

Federal-State Coordination

 NOAA is actively working with states and other federal agencies to operationalize the Portal into CZMA. At NROC's winter meeting, NOAA's Office for Coastal Management led a session demonstrating how data products in the Portal could strengthen the effects test under the federal consistency provision of the CZMA.

NORTHEAST OCEANPLA

 Next steps: Pursue ability for early notification to states about potential projects - including possibly using the data portal for alerts. Also, there will likely be a check-in with the NE states in conjunction with the next NROC meeting.

Federal-Tribal Coordination

- Provided periodic updates on ocean plan implementation through EPA's Regional Tribal Operations Committee and Federal-Tribal Communications Collaborative calls
- Secured Udall Foundation funding support for tribal travel to RPB meetings and other related activities

Energy and Infrastructure

- Call for Nominations by the National Academies for an Atlantic Offshore Renewable Energy Development and Fisheries Steering Committee; nominations were due March 31. The steering committee will organize a workshop in winter 2017 to survey the range of issues regarding renewable energy activities on the Atlantic OCS and potential impacts on fisheries.
- A new BOEM/NOAA report released in March, <u>Socio-Economic Impact of OCS Wind Energy Development on Fisheries in the U.S. Atlantic</u>, will inform BOEM's decision-making related to future offshore wind energy development by identifying potentially affected fisheries that may require additional information and analysis.

Energy and Infrastructure

• BOEM held a meeting of the Rhode Island and Massachusetts Task Force on May 16 in Falmouth, MA. BOEM had informed stakeholders about two unsolicited lease requests (PNE Wind and Statoil Wind) for previously unleased areas in the WEA offshore Massachusetts. Because both parties nominated the same area, BOEM plans to proceed with the competitive leasing process. Developers are involved with on-going planning and data gathering activities on the three leases off shore Rhode Island and Massachusetts.

NORTHFAST OCEANPLA

 BOEM held government-to-government consultation meetings in May with federally-recognized tribes within the project vicinity of the New York, Rhode Island, and Massachusetts WEAs, including the Narragansett, the Wampanoag Nation of Gay Head (Aquinnah), and the Mashpee Wampanoag about issues related to offshore wind energy leasing; meetings with other tribes are pending.

NROC Sand Management Subcommittee

- BOEM executed a second round of two-year cooperative agreements at the end of FY 2016 with ME, NH, MA, and RI to assist BOEM in identifying potential sand resources in federal waters.
- In February, BOEM and USACE signed a MOU that will enhance coordination on managing sand, gravel and shell resources from the OCS.
- A sand subcommittee call was held on March 27 that included USACE, BOEM, EPA, FWS, state representatives, University of Rhode Island, and the Coastal States Organization. The group discussed work on fulfilling our commitment in the Ocean Plan to work with the RPB to develop an offshore sand resources theme on the portal.
- Jeff Reidenauer (BOEM) is taking over the federal co-lead duties as Bob LaBelle steps down; Brad Washburn (MA CZM) continues as state co-lead.

Aquaculture

• The 37th Milford Aquaculture Seminar held jointly with the Northeast Aquaculture Conference & Exhibition in January 2017 included a session on the Northeast Ocean Plan with emphasis on crossover with aquaculture. Industry questions and discussion at the meeting regarding co-locating blue mussel farms with offshore wind platforms led to a follow up meeting in April among the aquaculture industry, wind power proponents, and NOAA to discuss the outlook for co-locations in the northeast.

NORTHFAST OCEAN

- NOAA is actively directing customers interested in Exclusive Economic Zone (EEZ) aquaculture siting to the Northeast Ocean Data Portal as a first stop.
- Next Steps: The Work Group will review membership and organize its next meeting. Per actions in the Plan, the work group will coordinate on a potential analysis to identify areas where conflicts and synergies between aquaculture and existing activities may occur.

Restoration Subcommittee

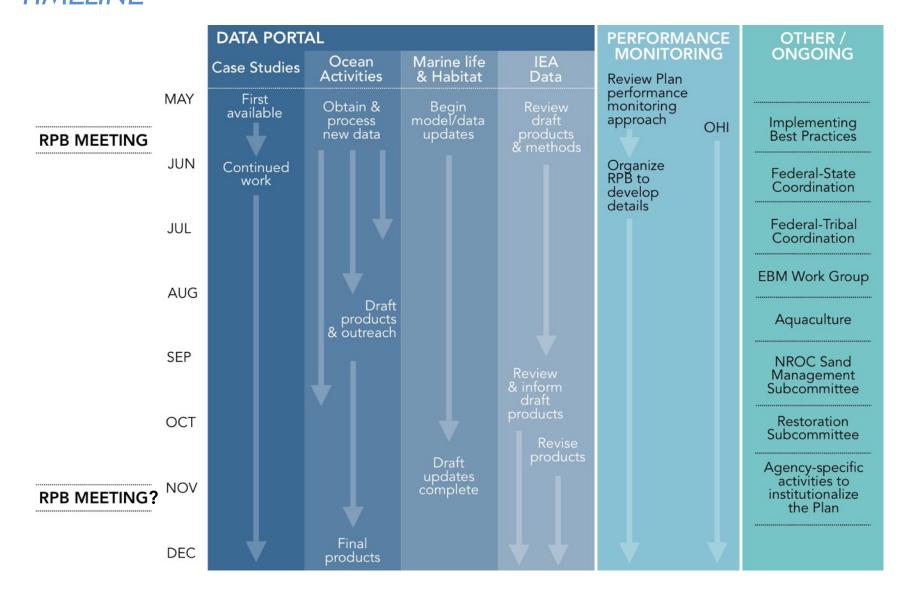
- The Subcommittee is updating membership, including looking for a nonfederal co-lead.
- The current co-leads recommend at least leveraging the NROC Coastal Resiliency Work Group for membership and for work that is already ongoing to inform potential restoration priorities.
- In addition to updating the map of potential restoration sites, the subcommittee will also update the spreadsheet of restoration funding opportunities.

Ecosystem Based Management (EBM) Work Group

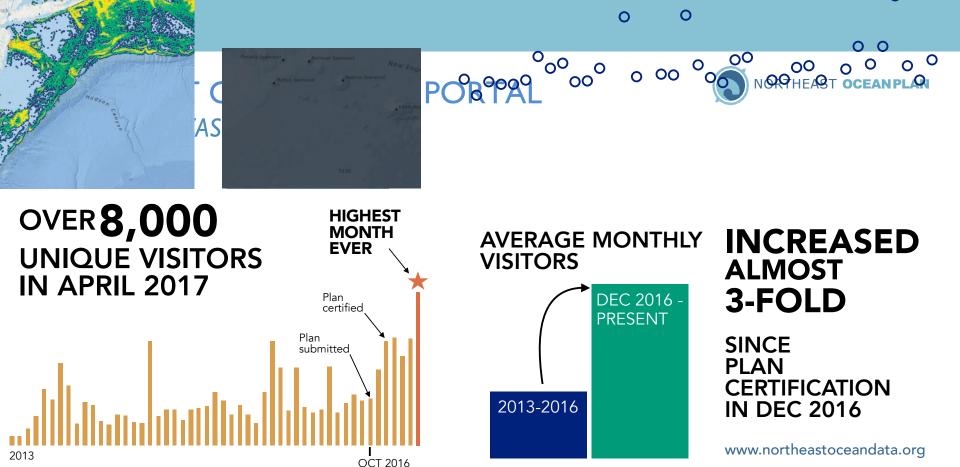
- Currently serving as one roster of subject matter experts informing the development of draft Important Ecological Area data products and potential methods.
- Could be one group to inform the development of ecosystem monitoring approaches, such as the OHI and the ISMN.

IMPLEMENTATION WORK PLAN OVERVIEW TIMELINE









- Noticeable spike in Portal activity hits and feedback
- Daily/weekly spikes potentially associated with agency announcements and events

NORTHEAST OCEAN DATA PORTAL PORTAL USE & CASE STUDIES

- Initial set of case studies:
 - First shellfish farm in Atlantic federal waters
 - NERACOOS wave buoy in Cape Cod Bay
 - NEFMC deep-sea coral protection area alternatives
- RPB and many others working on additional case studies, including the use of the Portal to support:
 - State efforts
 - Federal agency regulatory and management processes
 - Education
 - Research
 - Other stakeholder initiatives and uses



NORTHEAST OCEAN DATA

MAPS ~ DATA ~ CASE STUDIES ~ ABOUT ~ D .

Siting a New Wave-monitoring Buoy to Increase Maritime Safety and Improve Weather Forecasts

theast Ocean Data Portal User

- Massachusetts Department of Environmental Protection
- NOAA National Ocean Service · NOAA National Weather Service

- U.S. Geological Survey

Cod Bay to provide data for ship pilots, weather forecasters whale watch operators, recreational boaters, habitat restorat

petroleum through Cape Cod Bay every year. To ensure safe and efficient passage across those heavily trafficked waters, captains

"Ninety-five percent of loaded tugs and barges pass eastbound through the Cape Cod Canal, and it is critical that we know what the sea-state is in Cape Cod Bay before we enter the canal," said

Haril 2016. however, no real-time data on wave conditions wer rhosetts. The location was selected based in nart on data and mans from the Northeast Ocean Data Portal

challenges, according to Tom Shyka of the Northeastern Regional \$440,000 to acquire and operate for 5 years, is relatively small, and placed in a heavily trafficked area because of the risk of collision. Service, U.S. Coast Guard, U.S. Geological Survey, Army Corps of

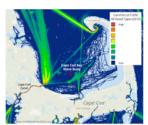
To help the partners make a well-informed decision. Shyka turned for the buoy, generated a static image of the maps, and emailed i to the project partners. In a subsequent web-conferencing session using the Portal, the group viewed the online map together and

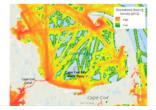
"The Northeast Ocean Data Portal gave us critical pieces of information that helped us make our decision for where to locate the buoy."

- Tom Shvka, NERACOOS











NORTHEAST OCEANPLAN

NORTHEAST OCEAN DATA PORTAL DATA UPDATES AND OUTREACH FOR OCEAN ACTIVITIES

- RPB entities responsible for relevant ocean activities and associated Portal data themes
- Coordination with Marine Cadastre and the Mid-Atlantic
- Data requests, processing and draft product development underway
- Draft products for many ocean activities available this fall for review
- Let us know how we can work with you to conduct outreach to inform the development and review draft products













RECREATION



ENERGY & INFRASTRUCTURE



AQUACULTURE



OFFSHORE SAND RESOURCES



RESTORATION



NORTHEAST OCEANPLAN

NORTHEAST OCEAN DATA PORTAL DATA UPDATES AND OUTREACH FOR OCEAN ACTIVITIES

Commercial Fishing

Datasets: Vessel Monitoring System (VMS); Vessel Trip Reports (VTR); Fishery Management Areas

Relevant RPB organizations:

NOAA NMFS, NEFMC

Schedule & outreach:

- Data requests in progress
- Draft products by end of summer
- Stakeholder review in fall 2017
- Update Portal by end of the 2017

Aquaculture

Datasets: Permitted aquaculture areas; shellfish management areas

Relevant RPB organizations:

States, USACE, NOAA

Schedule & outreach:

- Data request to states in progress
- Draft products by summer
- Stakeholder/agency review in summer/fall 2017
- Update Portal by end of the 2017



Marine Transportation

Datasets: Vessel traffic (AIS); Navigation & Safety (Aids to Navigation, Pilot boarding, Anchorages, Safety and security zones)

Relevant RPB organizations: USCG, DOT, NOAA

Schedule & outreach:

- Data requests in progress
- Draft products by end of summer
- Stakeholder review in fall 2017
- Update Portal by end of the 2017

National Security

Datasets: Military installations; testing and training ranges; danger and restricted areas

Relevant RPB organizations: DOD, USCG

Schedule & outreach:

DOD reviewing data and will provide updates to Marine Cadastre for distribution





Cultural Resources

Datasets: National Register Sites; Wrecks; Submerged archeological resources

Relevant RPB organizations:

DOI (NPS, BOEM), NOAA, States, Tribes

Schedule & outreach:

- National Register historic sites: data request to go out to the NPS and states this spring
- All other activities are TBD

Recreation

Datasets: Boating; whale watching; diving; coastal recreation areas; coastal individual use surveys

Relevant RPB organizations: States, NOAA, USCG

Schedule & outreach:

- Coastal recreation areas data layer to be updated by fall 2017
- Several potential options to review and update the footprint of a range of different recreational activities



Energy and Infrastructure

Datasets:

<u>Planning area status</u> (operational, permitted, lease areas, wind energy areas, demonstration sites)

Existing infrastructure (cables, pipelines, energy facilities and transmission lines)

Relevant RPB organizations:

BOEM, DOE, States

Schedule & outreach:

Updated theme available this spring

Offshore Sand Resources

Datasets: Potential sand resources from recent investigations

Relevant RPB organizations:

BOEM, States, USACE, NROC Sand Subcommittee

Schedule & outreach:

Layers to be added when investigations and database completed



Restoration

Datasets: Potential restoration projects

Relevant RPB organizations:

States, USACE, Restoration Subcommittee

Schedule & outreach:

Subcommittee to review the map of potential projects



Summary of Stakeholder Feedback

- Fishing: Review efforts by the NE Fisheries Science Center to characterize fishing activity using VMS and VTR.
- Fishing: The Portal lacks maps of lobster fishing areas. This is a significant gap that needs to be filled.
- Fishing: Consider approaches to use VMS, AIS or other similar technologies to obtain information on fisheries with data gaps.



Summary of Stakeholder Feedback

- Aquaculture: Conduct outreach to states and municipalities to use the Portal to ensure data are updated and to inform aquaculture siting.
- Recreation: Consider additional ways of using the recreational data and affiliated groups to engage stakeholders during plan implementation.
- Energy and Infrastructure: Consider the appropriate time to include areas related to agency announcements on the Portal, such as new WEAs or areas where unsolicited bids have been submitted.



Potential Next Steps

<u>Commercial Fishing and Marine Transportation:</u>

- Process VMS, VTR, and AIS data and develop draft products (June-Sep)
- Engage relevant stakeholders through targeted meetings to review the data products (Oct-Dec)
- Coordinate outreach and data development with the Mid-Atlantic and the Marine Cadastre (ongoing)
- Identify opportunities to fill gaps in fishing activity data, including potential approaches to quantify activity with new data collection methods and efforts by the Island Institute and others to convene members of the lobster fishing industry (ongoing)

Aquaculture:

- Finalize regional aquaculture layers (June-Aug)
- Review with states, USACE, NOAA, and the Aquaculture WG (June-Sep)
- Identify ways to engage the industry and local municipalities to review and use the data (Sep-Dec)



Potential Next Steps

Recreation:

 Engage organizations representing different recreational activities to identify options for maintaining, using, and updating recreational data over the long term (June-Dec)

Energy & Infrastructure:

- Update the status of each offshore project or planning area (June-July)
- Continue discussions about the appropriate time to post maps related to agency announcements (ongoing)

Offshore Sand Resources and Restoration:

• Update the Portal per direction from the NROC Sand Management Subcommittee and the Restoration Subcommittee (ongoing)



Potential Next Steps

Cultural Resources:

- Update National Register historic site data (Jun Sep)
- Determine status of information related to potential submerged archeological resources (ongoing)

National Security:

Update theme as necessary as identified by DOD (ongoing)





ESI, telemetry data for mammals, birds, fish,

bats



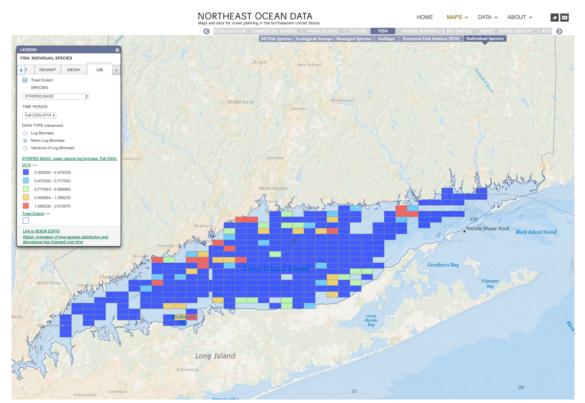
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Marine Life and Habitat

Datasets	Relevant RPB organizations	Schedule & outreach
Fish trawl data for Long Island Sound	CT DEEP	Draft data March 2017; Release April 2017
Update marine mammals model	NOAA	Fall 2017
Sea turtles model	NOAA	Late fall 2017
Fish trawl data for coastal RI	RI DEM	TBD
Additional marine life ecological groups		TBD
Add VIMS data to scallop maps	NOAA	TBD
Incorporate additional avian data from USFWS Mid-winter Waterfowl Survey, SHARP,	USFWS, BOEM, NOAA	TBD

NORTHEAST OCEAN DATA PORTAL Updating Marine Life and Habitat Data





Long Island Sound Fish Trawl

- 64 species
- 192 new layers
- Similar format as MDAT fish data
- No summary products (yet?)

NORTHEAST OCEAN DATA PORTAL Updating Marine Life and Habitat Data



Marine Life and Habitat

Schedule & outreach Relevant RPB **Datasets** organizations

NOAA, BOEM Update benthic habitat maps **TBD**

Maps characterizing persistent phytoplankton NOAA Data obtained early

bloom event 2017; maps will be added to IEA Data

Evaluation this summer

Update submerged aquatic vegetation maps States

Some updated data obtained early 2017; May need to re-convene eelgrass working group; maps to be updated by summer 2017

NORTHEAST OCEAN DATA PORTAL Development and review of draft Important Ecological Area (IEA) data products



Habitat areas and species, guilds, or communities critical to ecosystem function, resilience and recovery. These areas are further defined and identified by the following **five components**:

- 1. Areas of high productivity
- 2. Areas of high biodiversity
- 3. Areas of high species abundance including areas of spawning, breeding, feeding, and migratory routes
- 4. Areas of vulnerable marine resources
- 5. Areas of rare marine resources

NORTHEAST OCEAN DATA PORTAL Development and review of draft Important Ecological Area (IEA) data products



THE FIVE COMPONENTS ARE:

- An extension of the Marine Life and Habitat data on the NE Ocean Data Portal
- Eventually a resource of 50-100 peerreviewed and vetted datasets that represent ecologically important patterns and help identify data gaps
- More than habitat and species distribution/abundance, in that they also characterize ecosystem processes and functions
- Easily updated with new data and information, just like all of the data on the NE Ocean Data Portal

The New York Times

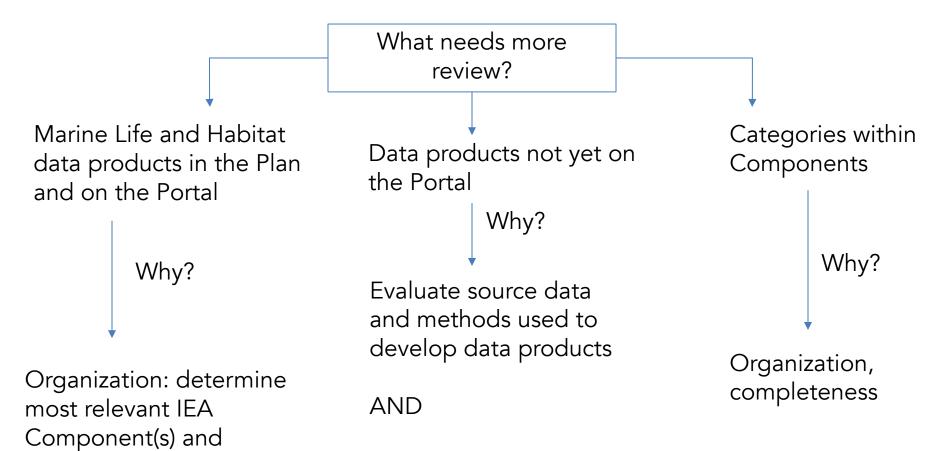
Fish Seek Cooler Waters, Leaving Some Fishermen's Nets Empty



NORTHEAST OCEAN DATA PORTAL Development and review of draft Important Ecological Area (IEA) data products

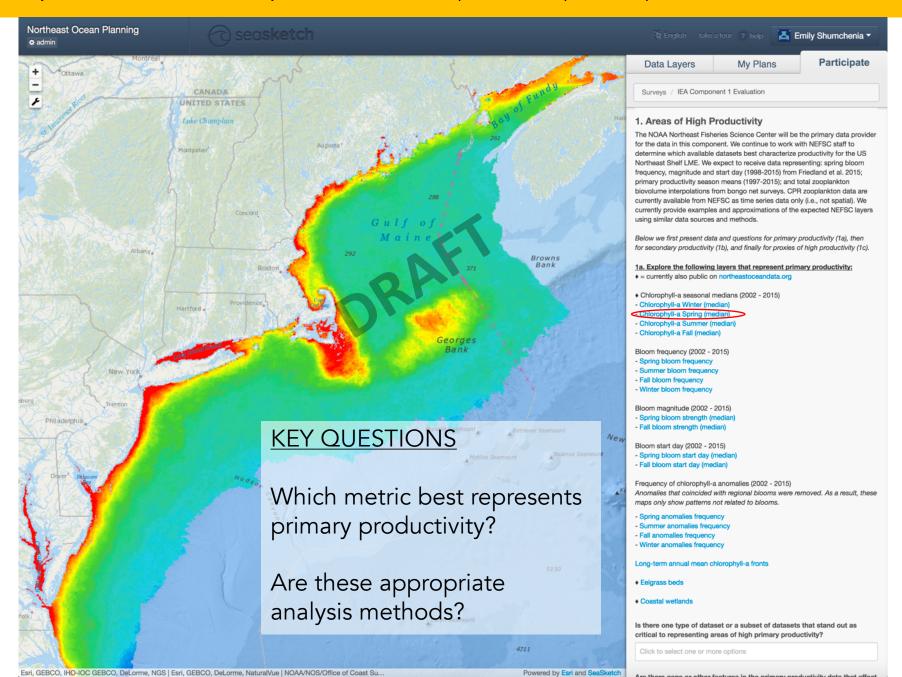
category



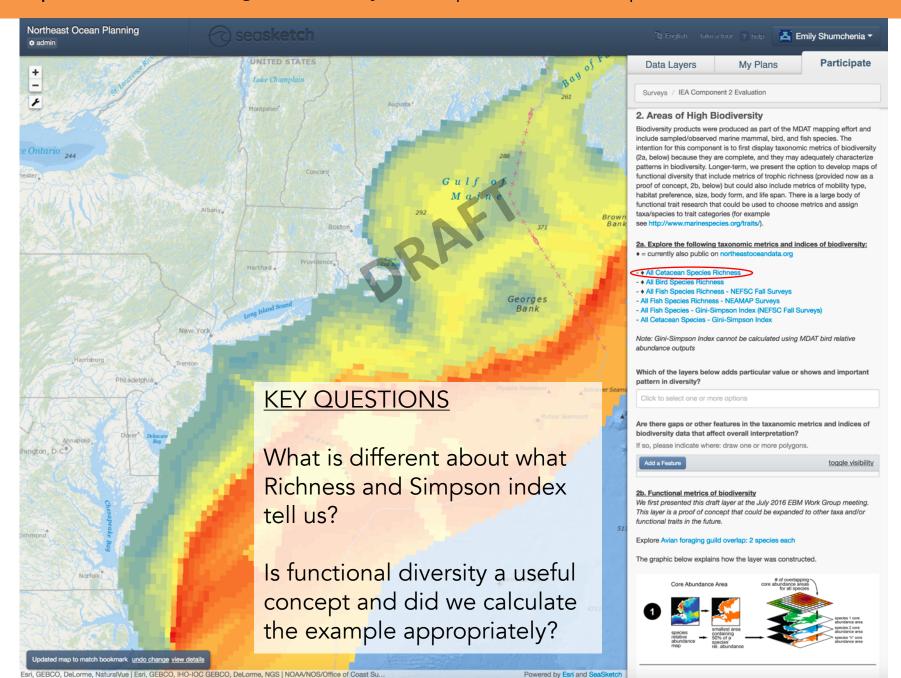


Organization

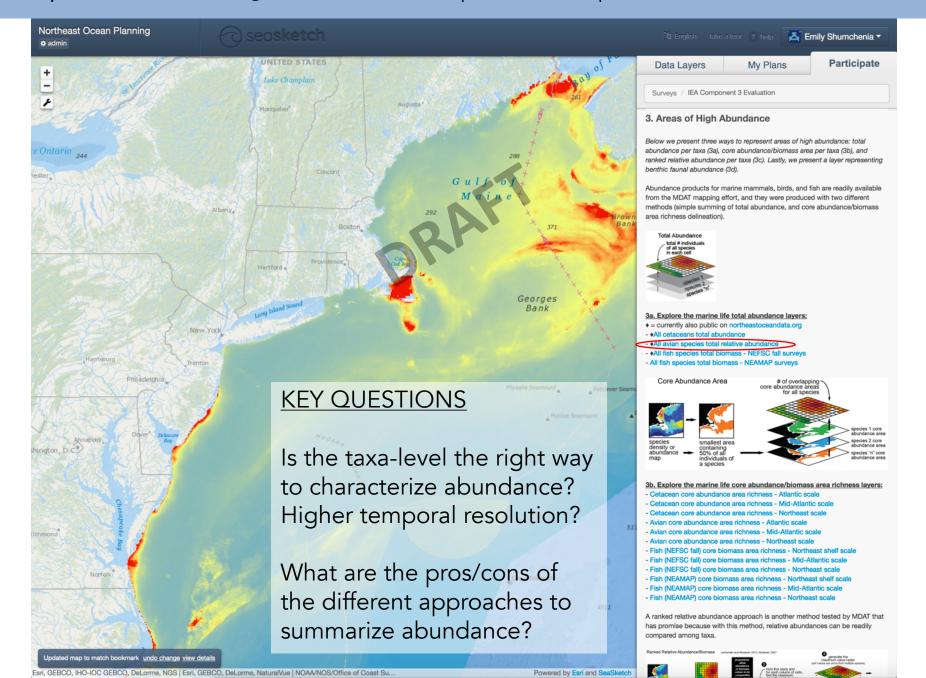
Component 1: Areas of high productivity – Example: Chlorophyll-a Spring (median)



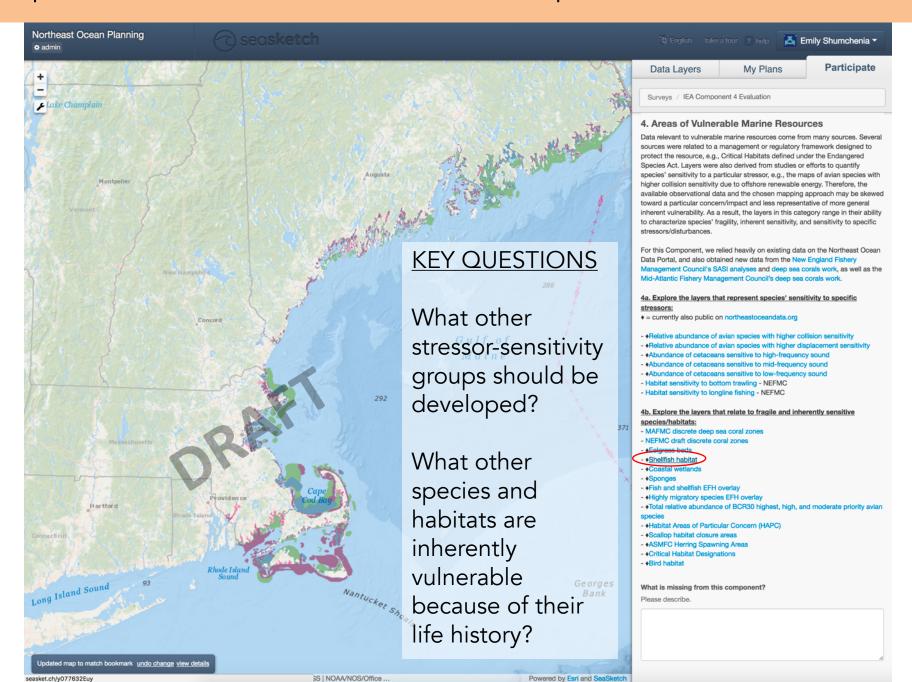
Component 2: Areas of high biodiversity – Example: All cetacean species richness



Component 3: Areas of high abundance – Example: All avian species rel. abundance

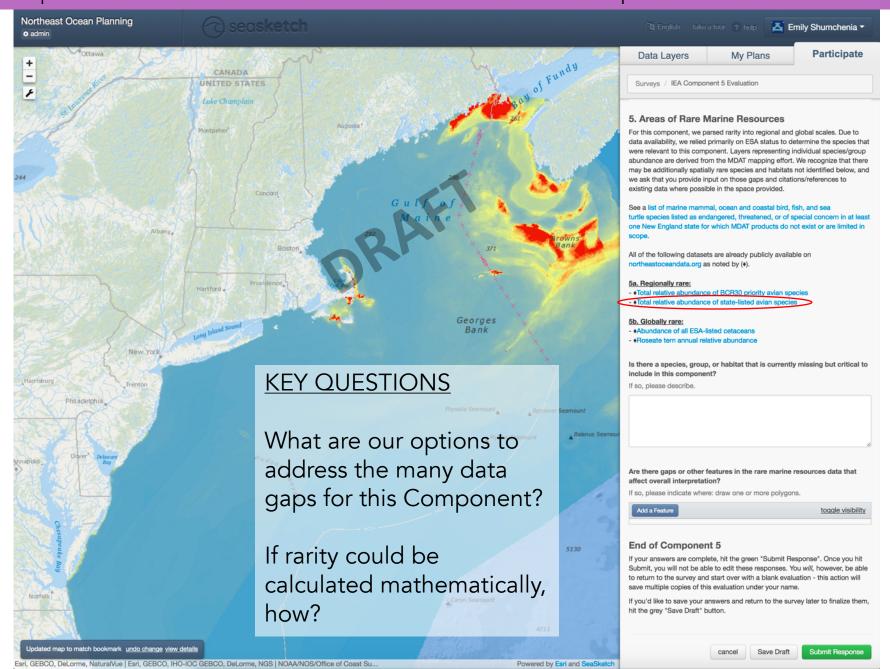


Component 4: Areas of vulnerable marine resources – Example: Shellfish habitat



Component 5: Areas of rare marine resources -

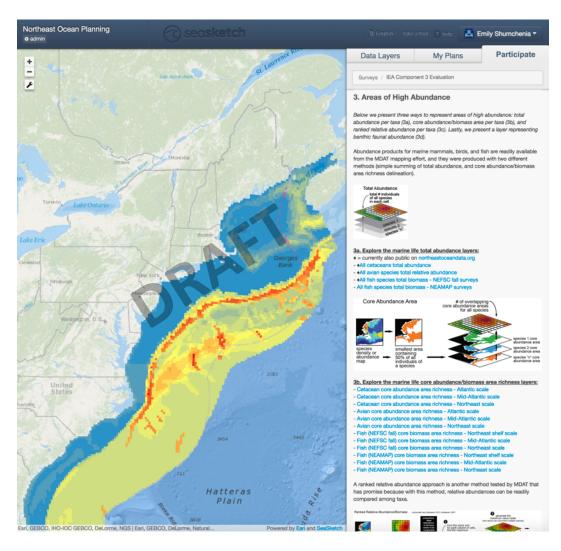
Example: Total relative abundance of Northeast state-listed avian species



NORTHEAST OCEAN DATA PORTAL Development and review of draft Important Ecological Area (IEA) data products



- In the process of obtaining input
- Need more time to learn about data and get feedback
- Incorporate new models, revise products, Fall 2017



NORTHEAST OCEAN DATA PORTAL Updating marine life and habitat data & Development and review of draft Important Ecological Area (IEA) data products

Summary of Stakeholder Feedback

- Marine Life and Habitat: There is interest in understanding how recently collected data will be used to update marine life and habitat products on the Portal.
- Draft IEA Products and Methods: There is interest in understanding more about the pros and cons of potential methods, draft data products, and any limitations. There is also interest in understanding more about how IEA products may inform our understanding of data gaps.
- Draft IEA Products and Methods: There is interest in staying informed and being able to provide input on how products will be used.

NORTHEAST OCEAN DATA PORTAL Updating marine life and habitat data & Development and review of draft Important Ecological Area (IEA) data products

Potential Next Steps

- Provide access to the Draft IEA Data Guide (complete)
- Provide access to draft IEA data products and methods (in progress)
- Continue obtaining feedback on draft products and methods (through Aug)
- Incorporate feedback and develop revised draft products (July-Dec)
- Host a public workshop to obtain input on key methodological questions that are identified during the expert and stakeholder review period (Oct)
- Considering recent RPB and public discussions; focus on developing a range of datasets and information to support a more complete characterization of each IEA Component, "Components of Ecological Importance"





What Monitoring & Evaluation?





establishes two tracks



Plan Performance Monitoring

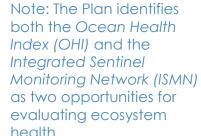
Measure progress toward implementing the Plan's actions and achieving the Plan's goals and objectives

- Conditions before Plan
- Track implementation
- Obtain public input

Ecosystem Health Monitoring & Evaluation

Measure changes in the ecosystem, including human activities, to identify issues that may require management attention

- Baseline
- Indicators
- Obtain public input





Inform amendments and updates to the Plan



- RPB has developed an initial draft approach for monitoring plan performance
- Draft approach summarizes principles from NE Ocean Plan
 - Relate plan performance indicators to Plan outcomes, goals, objectives, and actions (or implementation activities)
 - Establish baseline
 - Balance specificity with availability of information
 - Establish fewer more effective indicators rather than many indicators
 - Obtain public input
 - Ensure indicators inform whether Plan amendments or updates are necessary



- Draft approach groups plan actions into four major categories:
 - Maintain and update data (Chapter 3)
 - Inform regulatory and management decisions (Chapter 3)
 - Enhance agency coordination (Chapter 3 and 4)
 - Advance regional science and research priorities (Chapter 5)



Each of the four major action categories:

- Identifies relevant actions from the Plan
- Includes draft outcomes either directly quoted or derived from the Plan
- Identifies relevant goals and objectives

2. Inform Regulatory and Management Decisions

Actions

Chapter 3 of the Plan summarizes the regulatory and management context in the region, including federal environmental and regulatory laws and management activities that are most relevant for Plan implementation. Each of the ten ocean resource and activity sections in Chapter 3 includes additional details about the regulatory and management context that is specific to the resource or activity. Each section also includes a series of actions under the heading "inform regulatory and management decisions" about how relevant agencies will use Plan data and information to inform decision-making. The following actions generally cover the intent of each of the individual actions under that section heading for each of the ten ocean resources or activities:

- Use the Plan and Portal to inform regulatory and management decisions.
- Use the Plan and Portal to identify potential conflicts and compatibilities.
- Use the Plan and Portal to identify and engage potentially affected stakeholders.
- Use the Plan and Portal to help determine the additional research or data collection necessary to make a regulatory or management decision.

Draft Outcomes

Throughout the Plan there are discussions and references to intended outcomes from this category of actions. The following attempts to summarize those outcomes for discussion purposes.

- Potential conflicts, compatibilities, affected stakeholders, and additional research
 considerations are identified early in relevant regulatory and management processes
 using the information in the Plan and the data on the Portal as two important
 regionally approved sources.
- Agency coordination, public engagement around agency actions and management activities, and stakeholder proposals and participation in the regulatory process are enhanced through the collective use of the Portal as a repository of regional data products that have been vetted as reasonable characterizations of the spatial extent of human activities and ocean resources.

3. Enhance Agency Coordination

Actions

Several of the ocean resource and activity sections in Chapter 3 include actions under the heading "enhance agency coordination." These actions are primarily intended to ensure continued regional coordination around offshore human activities that are becoming or likely to become greater considerations over time, such as energy, aquaculture, and the use of offshore sand resources. The first section of Chapter 4 includes a series of best practices intended to generally enhance intergovernmental coordination and coordination with stakeholders across



Relevant Goals and Objectives

The following table is an initial attempt at linking actions from the 2016 Northeast Ocean Plan to the original planning goals and objectives from the <u>Framework for Ocean Planning in the Northeast United States</u> by identifying the planning objectives that are primarily relevant to each of the four previously described plan action categories.

GOAL	OBJECTIVE	Plan Action Categories			
		1. Maintain and	2. Inform Reg. and	3. Enhance Agency	4. Advance Science and
		Update	Mgmt.	Coord.	Research
		Data	Decisions		Priorities
Healthy Ocean and Coastal Ecosystems	Characterize the Region's Ecosystem, Economy, and Cultural Resources	X			x
	Identify and Support the Existing Non-regulatory Opportunities to Work Toward Conserving, Restoring and Maintaining Healthy Ecosystems			X	
	3. Produce a Regional Ocean Science Plan that Prioritizes Ocean Science and Data Needs for the Region for the Next Five Years	X		x	x
Effective Decision-	1. Enhance Inter-Agency Coordination		Х	Х	x
making	2. Implement Specific Actions to Enhance Informed Public Input in Decision-making		X	X	
	3. Incorporate Maps and Other Products into Existing Agency Decision- making Processes		X	x	x
	Improve Respect for the Customs and Traditions of Indigenous Peoples in Decision-making Processes			x	x
	5. Improve coordination with local communities in decision-making processes			x	
Compatibility	1. Increase Understanding of Past, Current and Future Interactions	X	х	х	x
Among Past,	Among Ocean Uses and the Ocean and Coastal Ecosystem				
Current and Future Ocean Uses	Ensure Regional Issues are Incorporated in Ongoing Efforts to Assess New and Existing Human Activities			X	X



Summary of Stakeholder Feedback

- Ensure the plan performance monitoring approach tracks stakeholder engagement in both the (1) individual regulatory and management processes that are informed by the Plan and (2) the RPB's broader planning and implementation process.
- Consider using concrete deadlines for achieving plan outcomes. Also consider the difference between outputs and outcomes associated with the Plan.
- Many specific metrics or indicators were suggested, such as:
 - Stakeholder satisfaction with the Plan and Plan implementation
 - Engagement of different stakeholder groups, such as commercial and recreational fishing
 - Permitting timelines and changes in regulatory behavior



Potential Next Steps

- Ensure public engagement is evaluated within each of the main action categories (ongoing)
- Obtain additional input on how public engagement can be measured in specific regulatory processes and in the broader planning process (ongoing)
- Organize the RPB around the major action categories and identify a lead or co-leads for each (Jun-Aug)
- For each category (Jun-Dec):
 - Identify individual actions from the Plan
 - Determine intended outcomes from the suite of actions
 - Develop indicators, including a qualitative or quantitative baseline for each, and develop processes for RPB organizations to report or provide updates on progress
- Develop options for communicating progress and determining how results can inform Plan amendments and updates and/or revisions to Plan goals/objectives/actions (ongoing; 2018)



OCEAN HEALTH INDEX



Summary of Stakeholder Feedback

- Potential reporting regions and goal setting:
 - Consider pros and cons of using the 3-mile line
 - Include representatives of NY in discussions considering the potential southern and western boundaries
 - Consider using the entire Northeast as the only region since we already established the general planning area
 - Consider using different areas for different goals some will be based on political boundaries and others may be based on biophysical boundaries. Consider scale of decisions for each goal.
- Public input:
 - Ensure this is a region-wide effort with broad input
 - Be clear about the specific questions and timeline for input
 - Concern about the commitment required to implement the OHI
- Using the OHI:
 - Concerns about whether goal scoring will be meaningful for decision-making and communication purposes, make us lose sight of actual tradeoffs, or risk maximizing one goal at others' expense

OCEAN HEALTH INDEX



Potential Next Steps

- RPB to determine level of involvement in the implementation of the OHI for the northeast (today)
- OHI team to host a workshop to obtain input on reporting regions and goal setting (July – Sep timeframe)
- Determine OHI reporting regions (TBD based on previous decisions)
- Determine goals for the northeast OHI that consider Plan priorities (TBD based on previous decisions)
- Engage regional scientists and collect data to inform assessments for each goal (ongoing)

