

Fish Work Group Meeting #1

Tuesday, August 12; 10:00am – 11:30am

Materials:

- Table of cross-cutting issues for marine life data products (introduced at June 25th Workshop) – Page 2
- NOAA fish species list for datasets in-hand – Page 3
- Draft Northeast species list for regulatory and other considerations Page 4

Call in: 877-680-1673; **Code:** 1993954#

Webinar Link: <https://global.gotomeeting.com/join/285135349>

Agenda:

- I. Introductions**
- II. Northeast Ocean Planning (Nick Napoli, NROC)**
 - Work group role
 - Timeline
- III. Marine-Life Data Analysis Team (MDAT) Overview (Pat Halpin, Duke)**
- IV. Fish Data and Species Overview (Mike Fogarty, NOAA)**
 - Summary of species covered by datasets in-hand
 - Species according to regulatory and other considerations (see attached list)
 - Opportunities to provide input on additional data resources
 - Species that are not well-represented in the trawl data
 - Nearshore vs. offshore trawls
- V. Products options (Mike Fogarty, NOAA)**
 - Options for types of analyses
 - Potential products (e.g., maps and animations)
- VI. Summary and Next Steps**

Across marine life categories (marine mammals, turtles, birds and fish), there are many options to consider when creating new spatial data products. The following table presents these options using the same categories that we used to review projects in the “Draft summary of marine life data sources and approaches to define ecologically important areas and measure ocean health”, presented at the June 25th Natural Resources Workshop: Data Collection, Temporal Extent, Treatment of Data, Spatial Products and Uses. This presentation of options is meant to organize the discussion about how new spatial data products can be developed.

CROSSCUTTING ISSUES	OPTIONS
DATA COLLECTION	<ul style="list-style-type: none"> • Sources • Geographic scope • How to integrate survey methods? • How to integrate expert knowledge?
TEMPORAL EXTENT	<ul style="list-style-type: none"> • How many decades of data to include? • Monthly, seasonal, annual summaries
TREATMENT OF DATA	<ul style="list-style-type: none"> • Summarize by species, guilds, functional groups • Incorporate migration routes? • Which environmental covariates?
SPATIAL PRODUCTS	<ul style="list-style-type: none"> • Tier I spatial products (observations) • Tier II spatial products (observations + habitat)
USES	<ul style="list-style-type: none"> • As supporting information • For environmental impact assessment and/or permitting decisions by state or federal regulatory agencies • Assessing compatibility with other uses

NOAA species list for datasets in-hand
 Includes subtropical species for considerations related to climate change

Species	Not Used
Acadian Redfish	
Alewife	
American Lobster	
American Plaice	
American Shad	
Atlantic Cod	
Atlantic Croaker	
Atlantic Herring	
Atlantic Mackerel	
Atlantic Stingray	Fall & Spring
Atlantic torpedo	
Banded Drum	Spring
Barndoor Skate	
Black Drum	Spring
Black Sea Bass	
Blackbelly Rosefish	
Blueback Herring	
Bluefish	
Bluntnose Stingray	Spring
Bullnose Stingray	Spring
Butterfish	
Clearnose Skate	
Cownose Ray	
Cravelle Jack	
Cunner	
Cusk	
Fourspot Flounder	
Gulf Stream Flounder	
Haddock	
Little Skate	
Longfin Squid	
Longhorn Sculpin	
Monkfish	
Northern Kingfish	
Northern Puffer	Spring
Northern Sea Robin	
Ocean Pout	
Pig Fish	Spring
Pin Fish	
Pipefish	
Pollock	
Red Drum	Spring
Red Hake	
Rosette Skate	
Roughtail Stingray	Spring
Sand Lance	
Sand Tiger Shark	Spring
Scup	
Sea Raven	
Sea Scallop	
Sharpnose Shark	
Shortfin Squid	
Shorthorn Sculpin	Fall
Silver Hake	
Smooth Butterfly Ray	
Smooth Dogfish	
Smooth Skate	
Southern Eagle Stingray	Fall
Southern Stingray	Spring
Spiny Butterfly Ray	Spring
Spiny Dogfish	
Spot	
Spotted Hake	
Star Drum	Fall & Spring
Striped Bass	
Striped Burrfish	Spring
Striped Sea Robin	
Summer Flounder	
Tautog	
Thorney Skate	
Tilefish	
Weakfish	
White Hake	
Windowpane Flounder	
Winter Flounder	
Winter Skate	
Witch Flounder	
Wolffish	
Yellowtail Flounder	

Species - common name	Federal		State		Other				
	ESA	EFH	E, T, SC	Ocean Plans	Managed fishery	Keystone	Likely to interact with priority human uses	Range info, migratory, etc.	Data (quality/quantity)
Alewife	SC		NH (SC)						
American eel			ME, NH (SC)		X				
American lobster					X				
American plaice		X			X				
American shad			NH (SC)		X				
Arctic char			ME (SC)						
Atlantic bluefin tuna	SC								
Atlantic cod		X			X				
Atlantic croaker					X				
Atlantic halibut	SC	X			X				
Atlantic herring		X			X	X			
Atlantic mackerel		X			X				
Atlantic menhaden					X				
Atlantic salmon	E	X	ME (E)		X				
Atlantic sea scallop		X			X				
Atlantic sturgeon	E		MA (E); CT (T)		X				
Atlantic wolffish	SC					X			
Basking shark	SC								
Black sea bass		X			X				
Blueback herring	SC		NH (SC)						
Bluefish		X			X				
Butterfish		X			X				
Cusk	SC								
Dusky shark	SC								
Haddock		X			X				
Longfin squid		X			X				
Monkfish (Goosefish)		X			X				
Northern shrimp					X				
Ocean pout		X			X				
Ocean quahog		X			X				
Offshore hake		X			X				
Pollock		X			X				
Porbeagle shark	SC								
Rainbow smelt	SC								
Red crab		X			X				
Red drum					X				
Red hake		X			X				
Redfish		X			X				
River Herring					X				
Sand lance						X			
Sand tiger shark	SC								
Scup		X			X				
Sea lamprey			NH (SC)						
Sharks						X			
Shortfin squid		X			X				
Skates (7 species)		X			X				
Spanish mackerel					X				
Spiny dogfish		X			X				
Spotted seatrout					X				
Striped bass					X				
Summer flounder		X			X				
Surf clams		X			X				
Tautog					X				
Threespine stickleback			MA (T)						
Tilefish		X			X				
Weakfish					X				
White hake		X			X				
Whiting (Silver hake)		X			X				
Window-pane flounder		X			X				
Winter flounder		X			X				
Witch flounder		X			X				
Yellowtail flounder		X			X				