

Fish Work Group Meeting #2

Wednesday, October 22; 10:00am – 11:30am

Materials:

- Fish species list and potential groupings – Page 3 - 4
- Example fish density map product – Page 5
- Example fish raw abundance product – Page 6

Call in: 1-855-244-8681; **Meeting #:** 738 311 944; **Password:** 1234

Webinar Link:

<https://dukeuniversity.webex.com/dukeuniversity/j.php?MTID=md47806bea7e71d12210ca14d199b6b55>

Agenda:

I. Welcome, introductions, etc. (Nick Napoli and Emily Shumchenia, NROC)

- Roll call
- Process for follow-ups and outreach

II. Species (Mike Fogarty, NOAA)

- Overview of species captured by NEFSC, NEAMAP and MA state trawls (see species list on page 3 - 4)
- Options for modeling approximately 50 species; prioritization?
- Trawl standardization among sampling programs
- Grouping by functional guild
 - i. Planktivores
 - ii. Demersal Piscivores
 - iii. Demersal Benthivores
 - iv. Molluscs
 - v. Crustaceans

III. Product options (Mike Fogarty, NOAA)

- Interpolated (density) maps (see example on page 5)
- Bubble plots or plots of raw abundance (see example on page 6)
- Animation options: see http://www.nefsc.noaa.gov/ecosys/climate_change/historical.html

IV. Species that are important but not well-captured by NEFSC, NEAMAP and MA trawls (Mike Fogarty, NOAA)

- Discuss other efforts for these species
 - Eel
 - Salmon
 - Others?

Potential Species For Mapping

Acadian Redfish

Alewife

American Lobster

American Plaice

American Shad

Atlantic Cod

Atlantic Herring

Atlantic Mackerel

Blackbelly Rosefish

Blueback Herring

Bluefish

Butterfish

Clearence Skate

Cunner

Cusk

Fourspot Flounder

Gulf Stream Flounder

Haddock

Little Skate

Longfin Squid

Longhorn Sculpin

Monkfish

Northern Kingfish

Northern Puffer

Northern Sea Robin

Ocean Pout

Pollock

Red Drum

Red Hake

Rosette Skate

Sand Lance

Scup

Sea Raven

Sea Scallop

Shortfin Squid

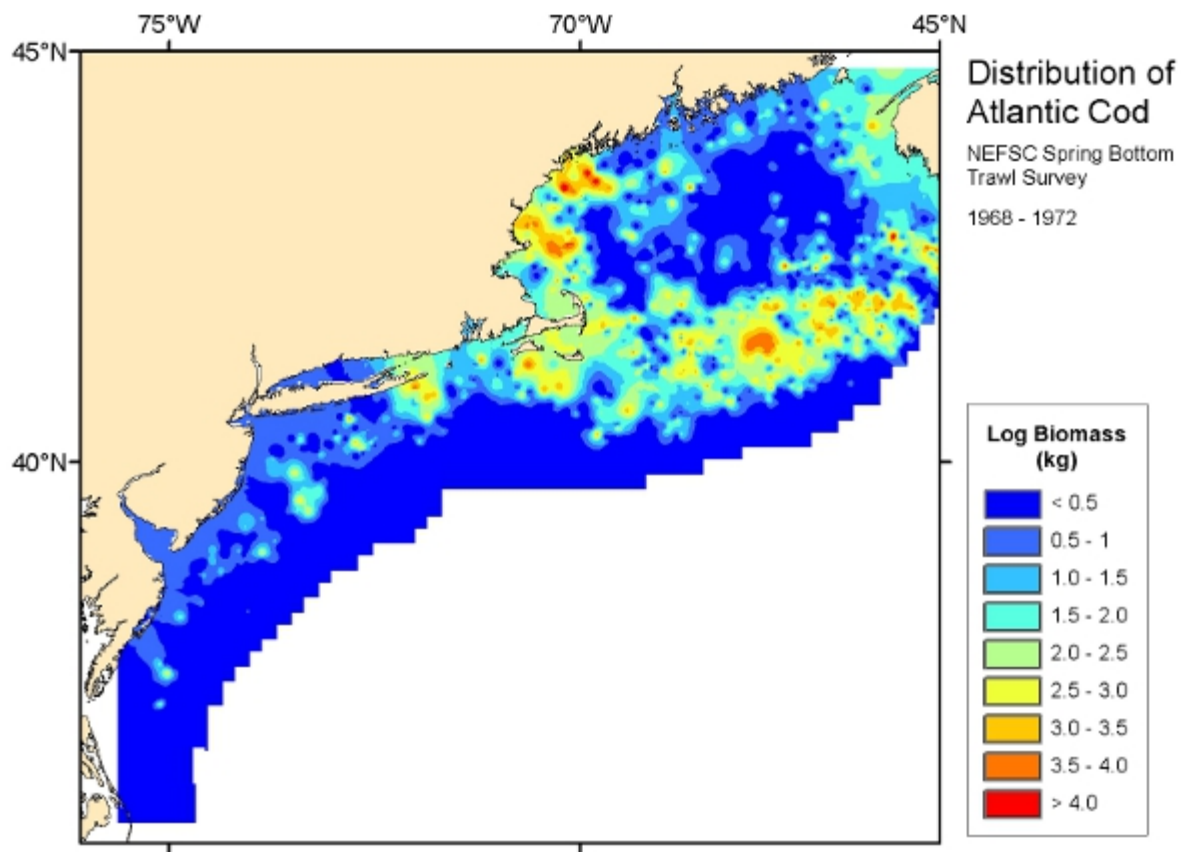
Shorthorn Sculpin

Silver Hake

Smooth Dogfish

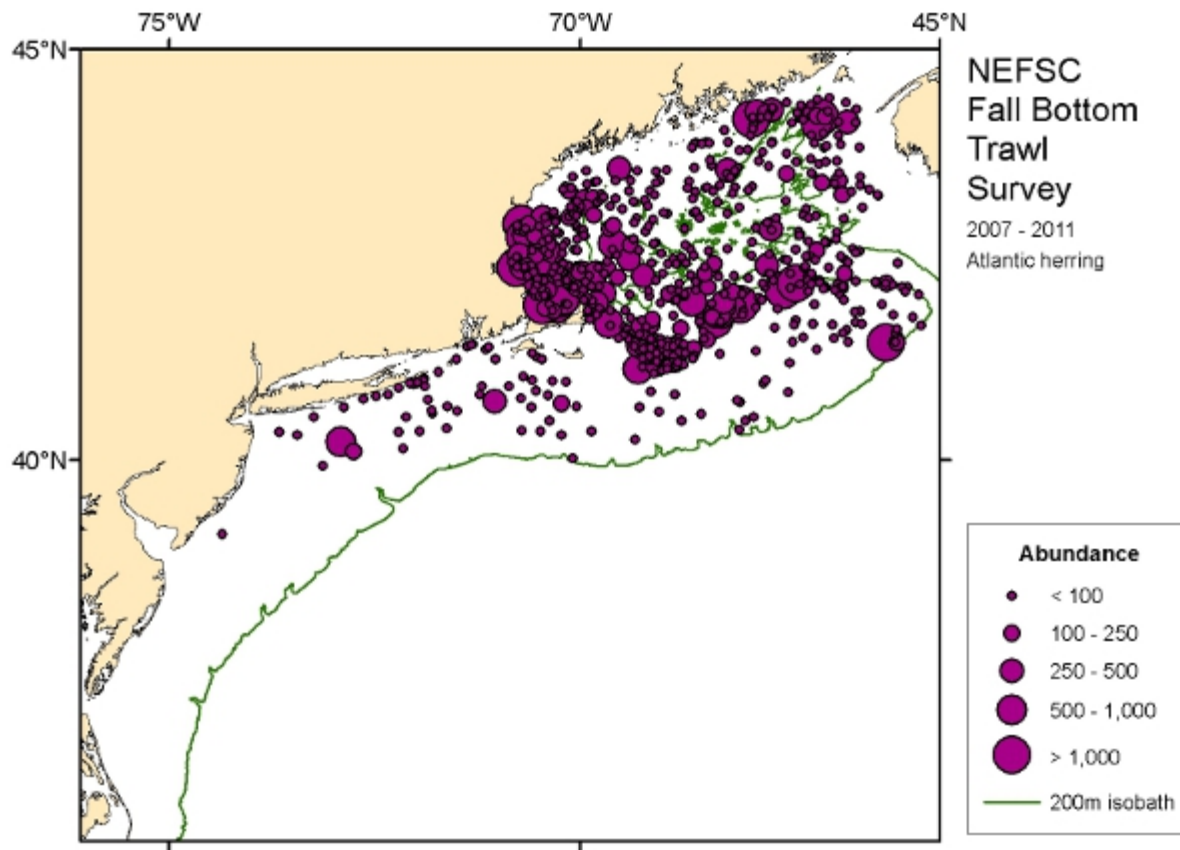
Smooth Skate

Spiny Dogfish
Spot
Striped Bass
Striped Burrfish
Striped Sea Robin
Summer Flounder
Tautog
Thorney Skate
Tilefish
Weakfish
White Hake
Windowpane Flounder
Winter Flounder
Winter Skate
Witch Flounder
Wolffish
Yellowtail Flounder



NEFSC Ecosystem Assessment Program

Example Interpolated Map



NEFSC Ecosystem Assessment Program

Example Bubble Plot