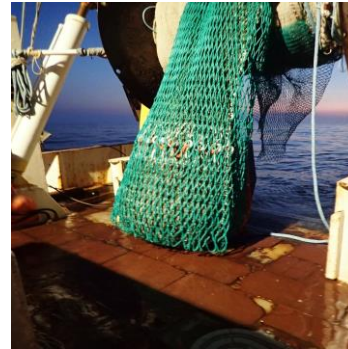
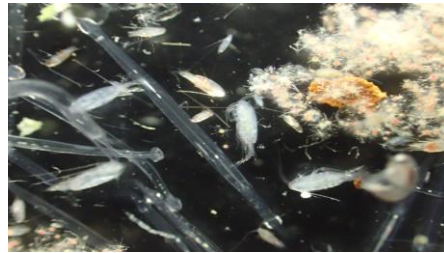
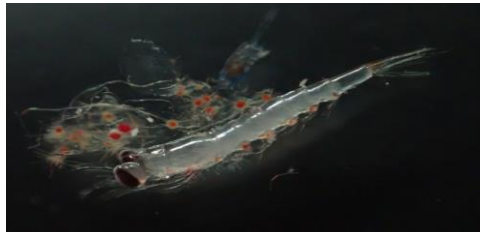
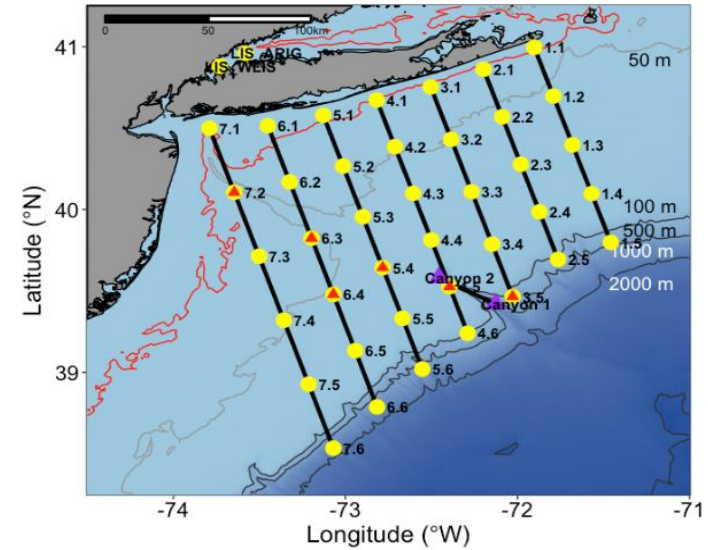


Pelagic fish and zooplankton abundance and distribution in the New York Bight

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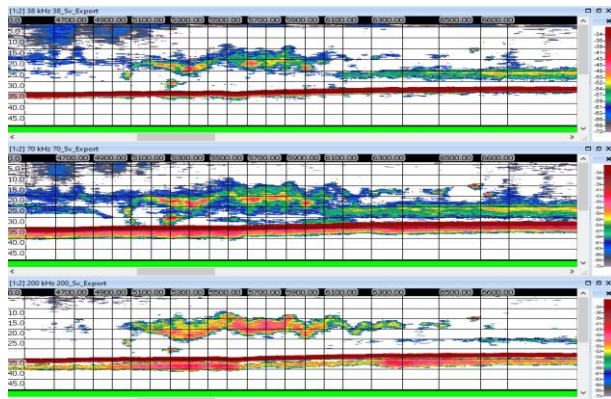
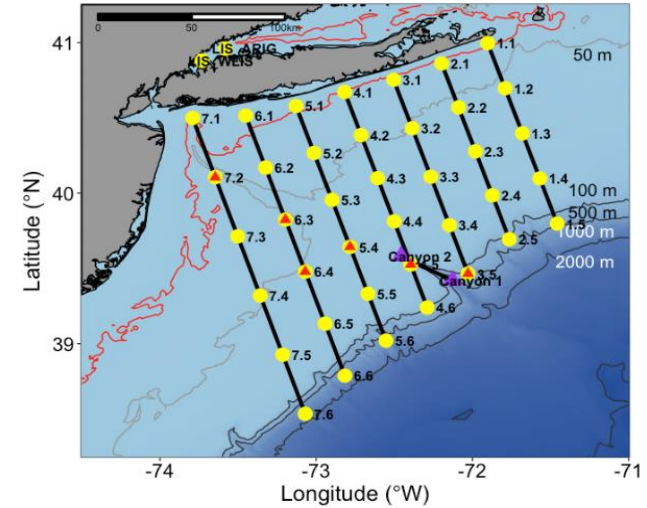


Project funded by NY Department of
Environmental Conservation

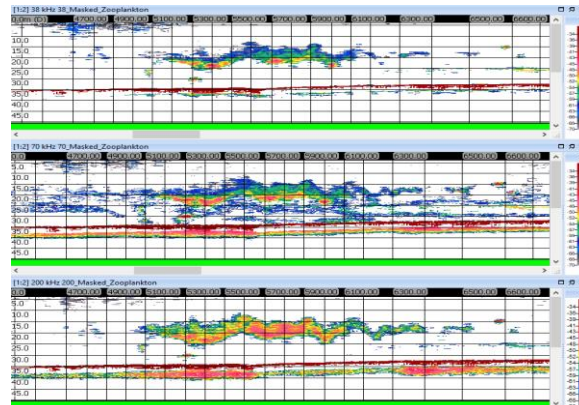
Pelagic fish and zooplankton abundance and distribution in the New York Bight

Seasonal, week-long surveys (Summer 2017 to present)

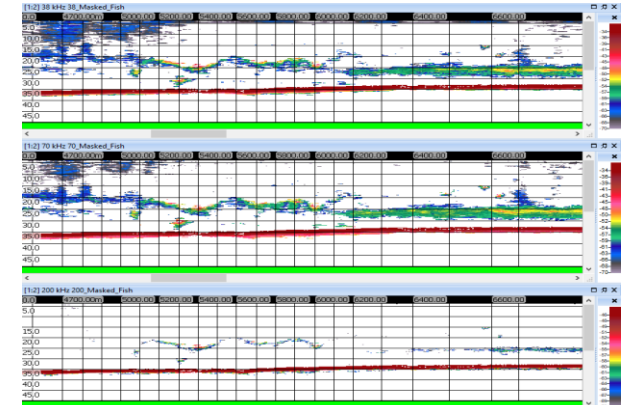
- 41 CTD and vertical ring net stations
- multifrequency fisheries echosounders (38, 70, 120, and 200 kHz,)
- midwater fish trawls to groundtruth acoustic data
- marine mammal observations (Thorne Lab)
- ocean acidification sampling (Nye Lab)



Raw Data



Zooplankton backscatter

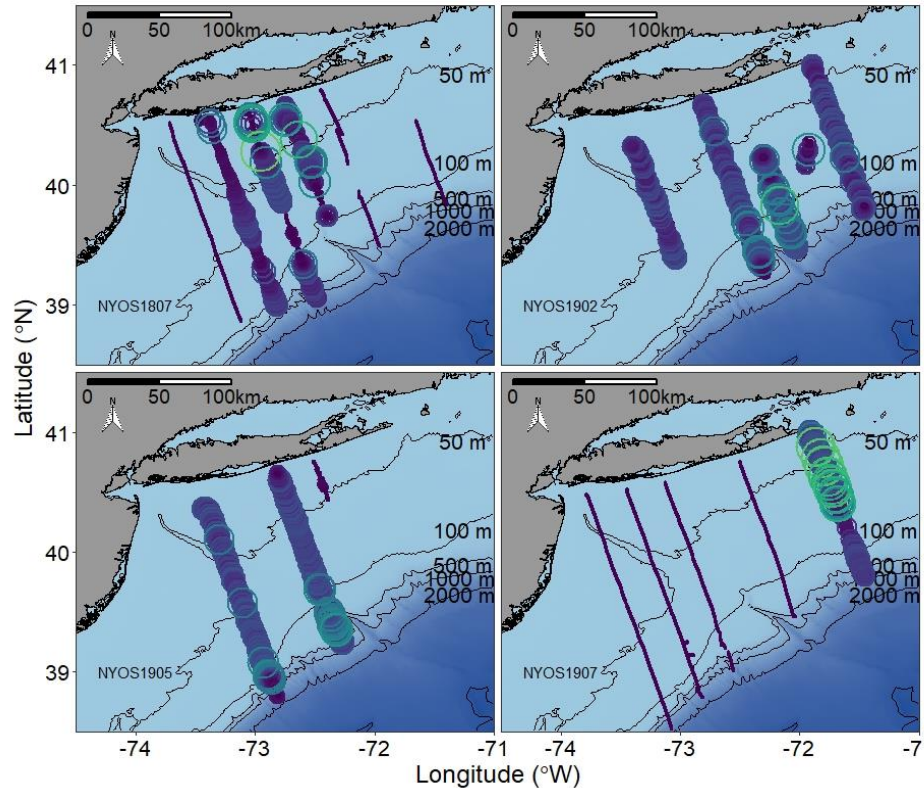


Fish backscatter

Preliminary Data Analysis

Common species caught in trawl: longfin squid, shortfin squid, Atlantic menhaden, butterfish, silver hake, Atlantic mackerel, black sea bass, salps, jellyfish, medusa, ctenophores

Zooplankton backscatter



Fish backscatter

