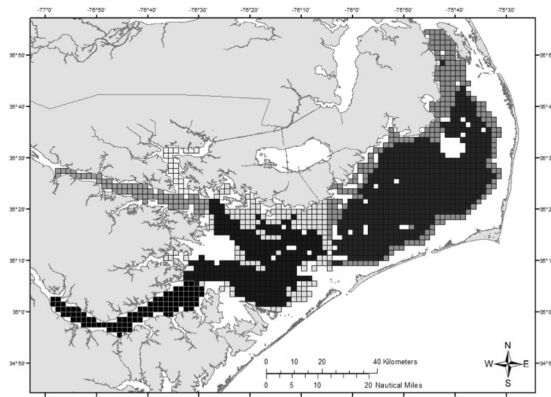


Enhancing the Capabilities of the SEAMAP-SA Biological Surveys Integrated into the SECOORA Data Portal

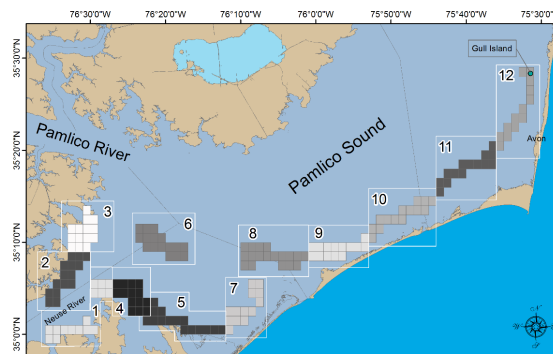
Tracey Smart
South Carolina Dept. of
Natural Resources

SEAMAP-SA Surveys

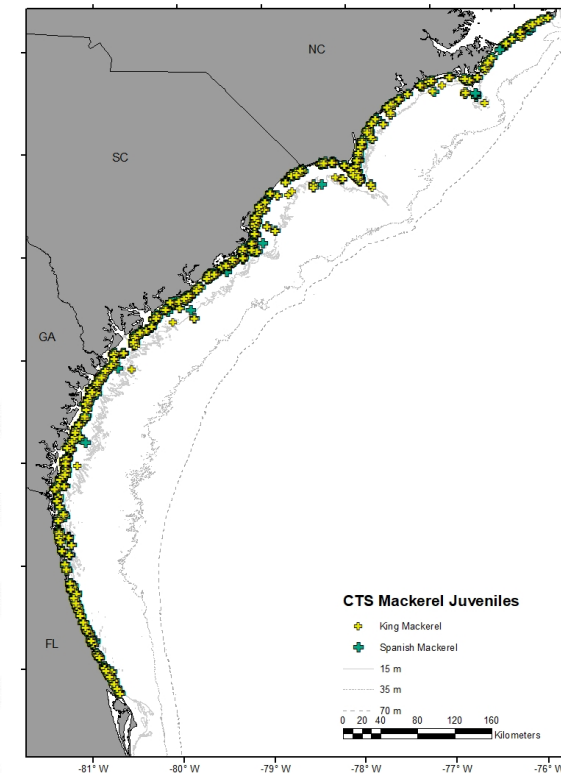
Pamlico Sound Survey
(NCDMF)



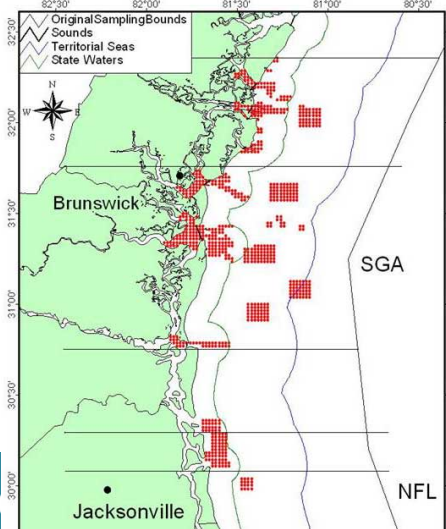
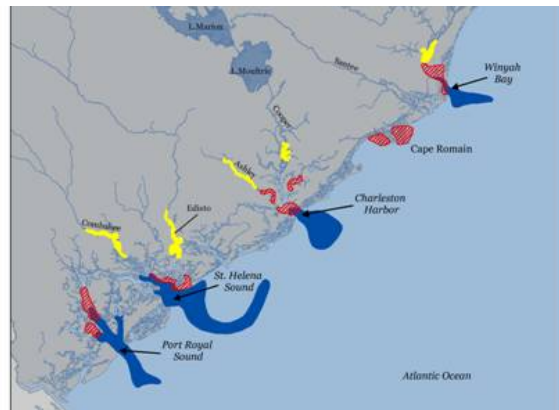
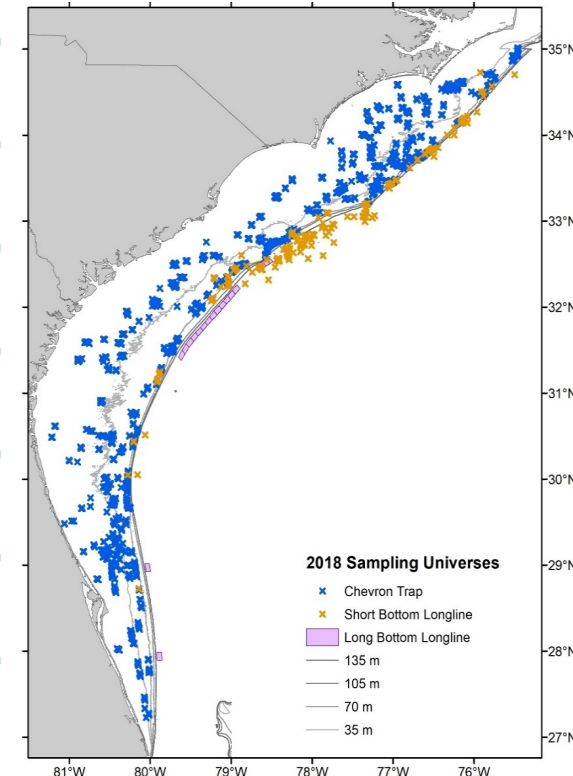
Coastal Longline Survey
(NCDMF, SCDNR & GADNR)



Coastal Trawl Survey
(SCDNR)



Southeast Reef Fish Survey
(SCDNR)

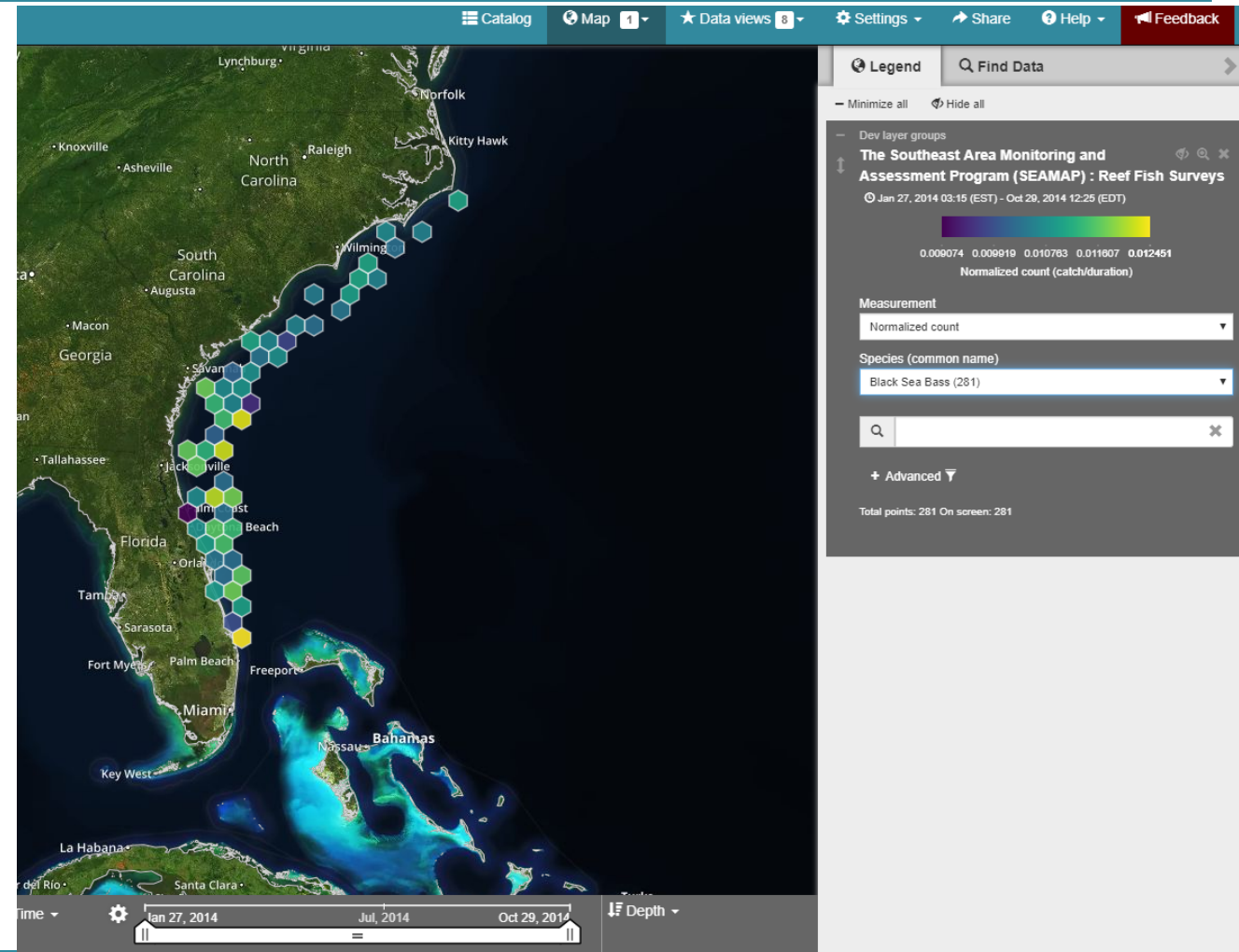


SEAMAP-SA Data and Goals

- SEAMAP-SA Data Management maintains an online database
 - basic query capabilities
- SEAMAP-SA, SECOORA, and Axiom DS began migrating SEAMAP-SA surveys into SECOORA Data Portal in 2018
- Current Goals:
 - Final migration of core tables
 - Increase number of data & code tables
 - Increase ability of data users to summarize and visualize survey data

Accomplishments

- SCDNR provided all 4 surveys' data for sampling, abundance & biomass, length-frequency, and life history to Axiom
- SCDNR converted Tagging data and code tables to DarwinCore
- Axiom conducted load testing and data summarization and visualization testing



Challenges and Looking Ahead

- Surveys do not store 0 counts (must be created in queries and products)
- Year 2:
 - SCDNR- convert Sea Turtle data to SECOORA compatibility
 - SCDNR- provide new year's data
 - Axiom- finalize abundance & biomass structure
 - Axiom- incorporate Tagging data
 - Axiom & SCDNR- testing of data access products