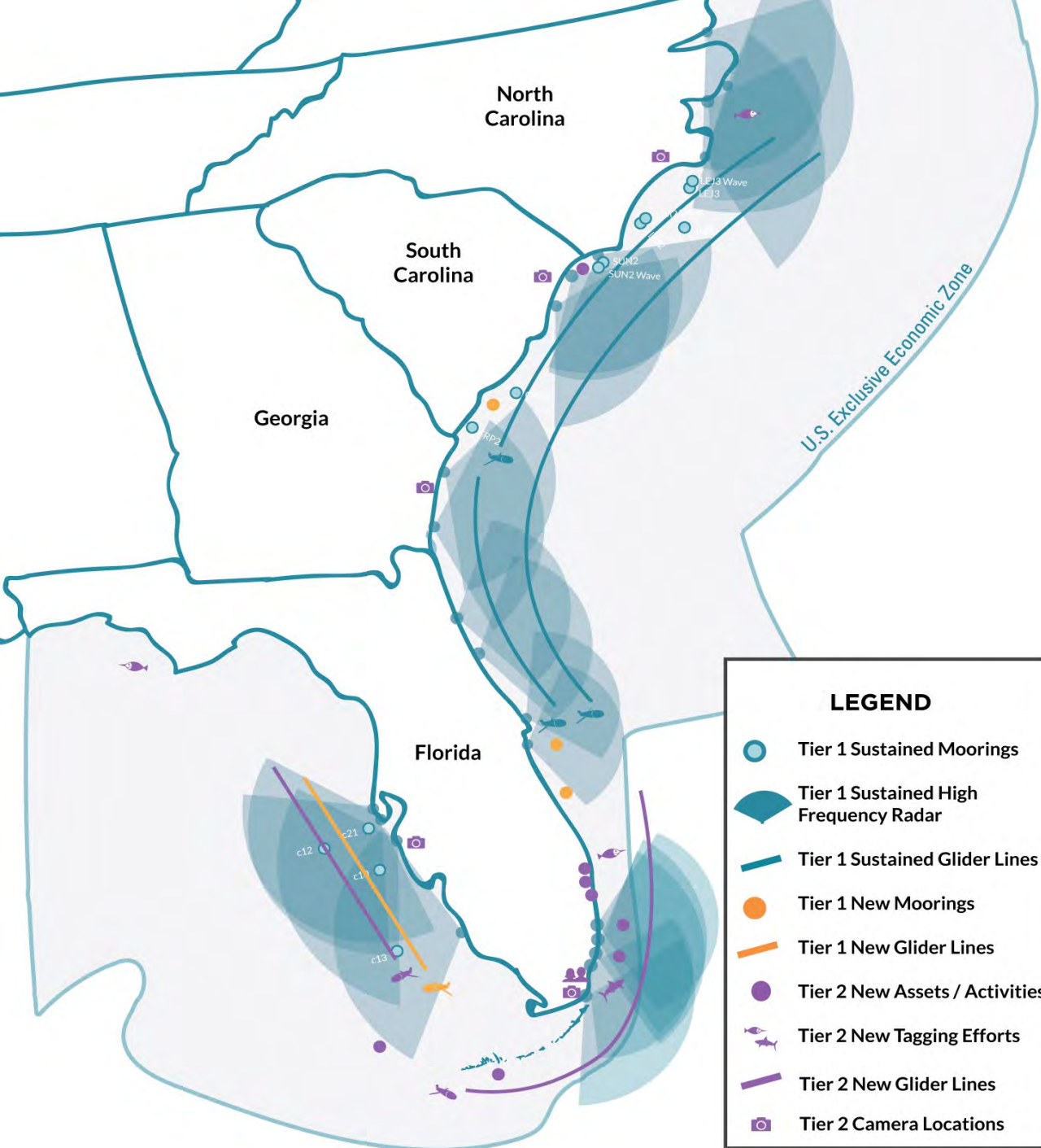


Southeast Coastal Ocean Observing Regional Association (SECOORA)

Debra Hernandez
Executive Director

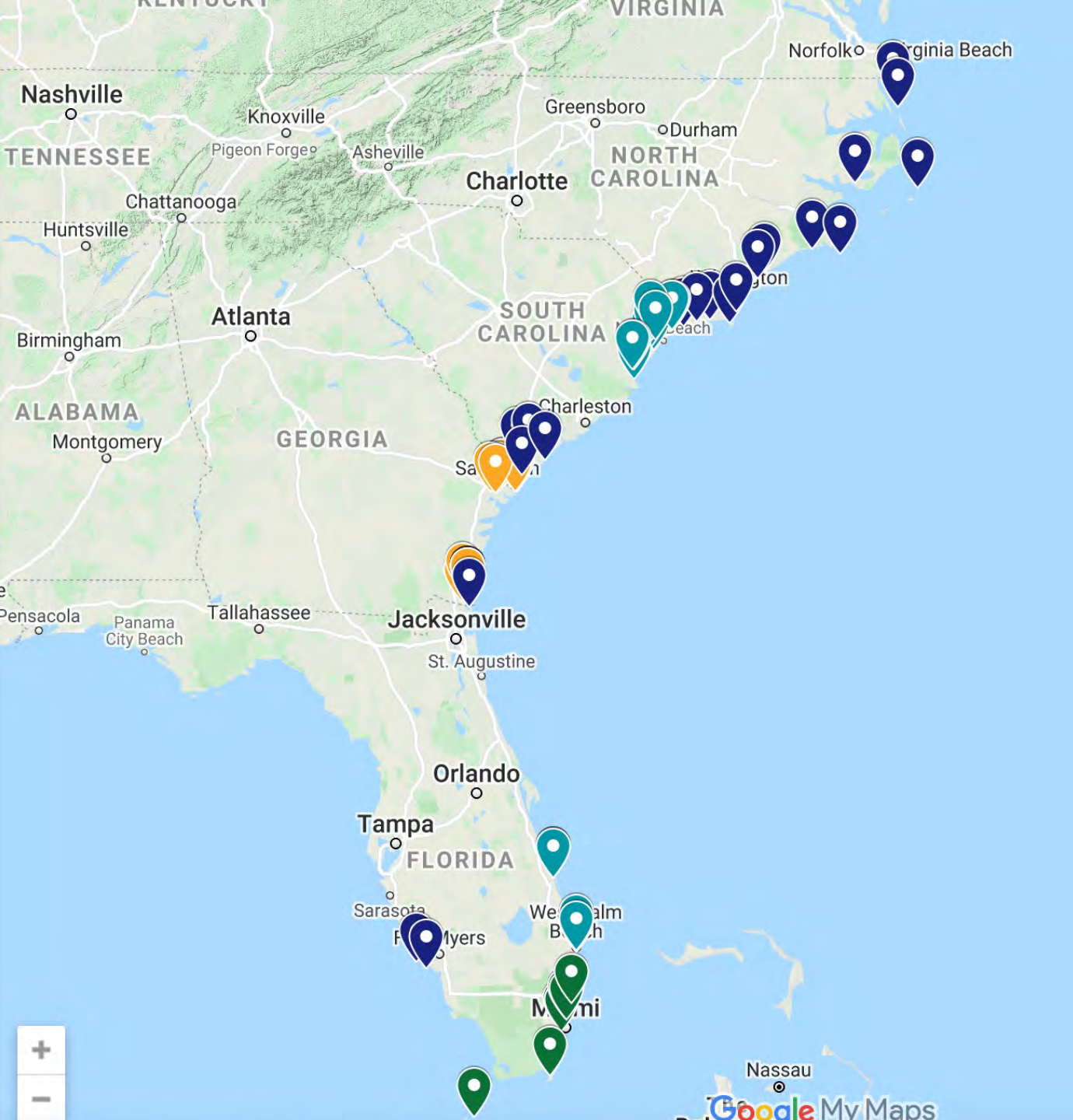
OOIFB Meeting
Dec. 7, 2021



5 Year Cooperative Agreement with NOAA IOOS



SECOORA
Southeast Coastal Ocean Observing
Regional Association




SECOORA Year 1 Water Level Stations (including testbed)




Water Level Stations - Year 1

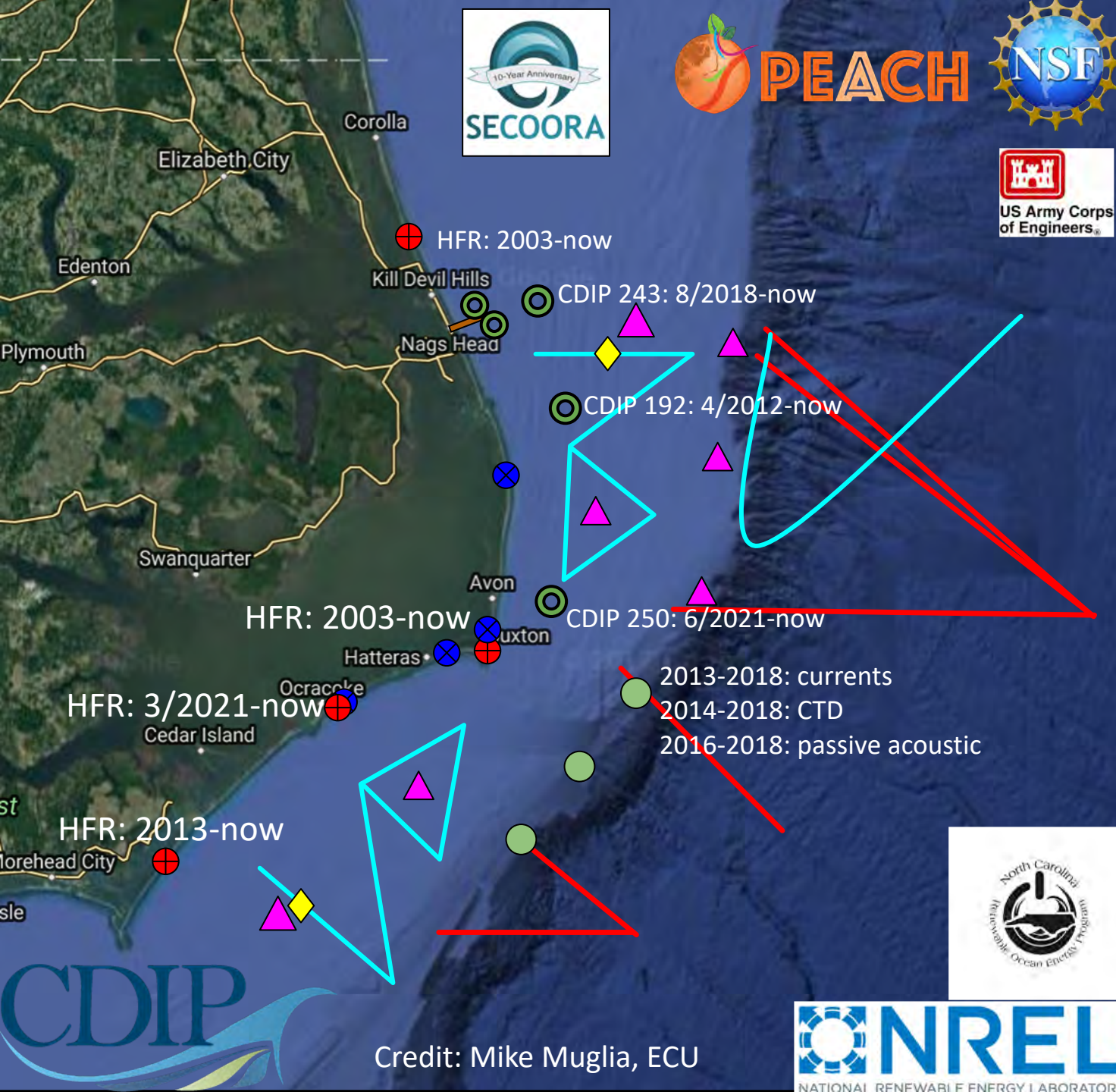


 CCU-FAU

 ASBPA

 Georgia Tech

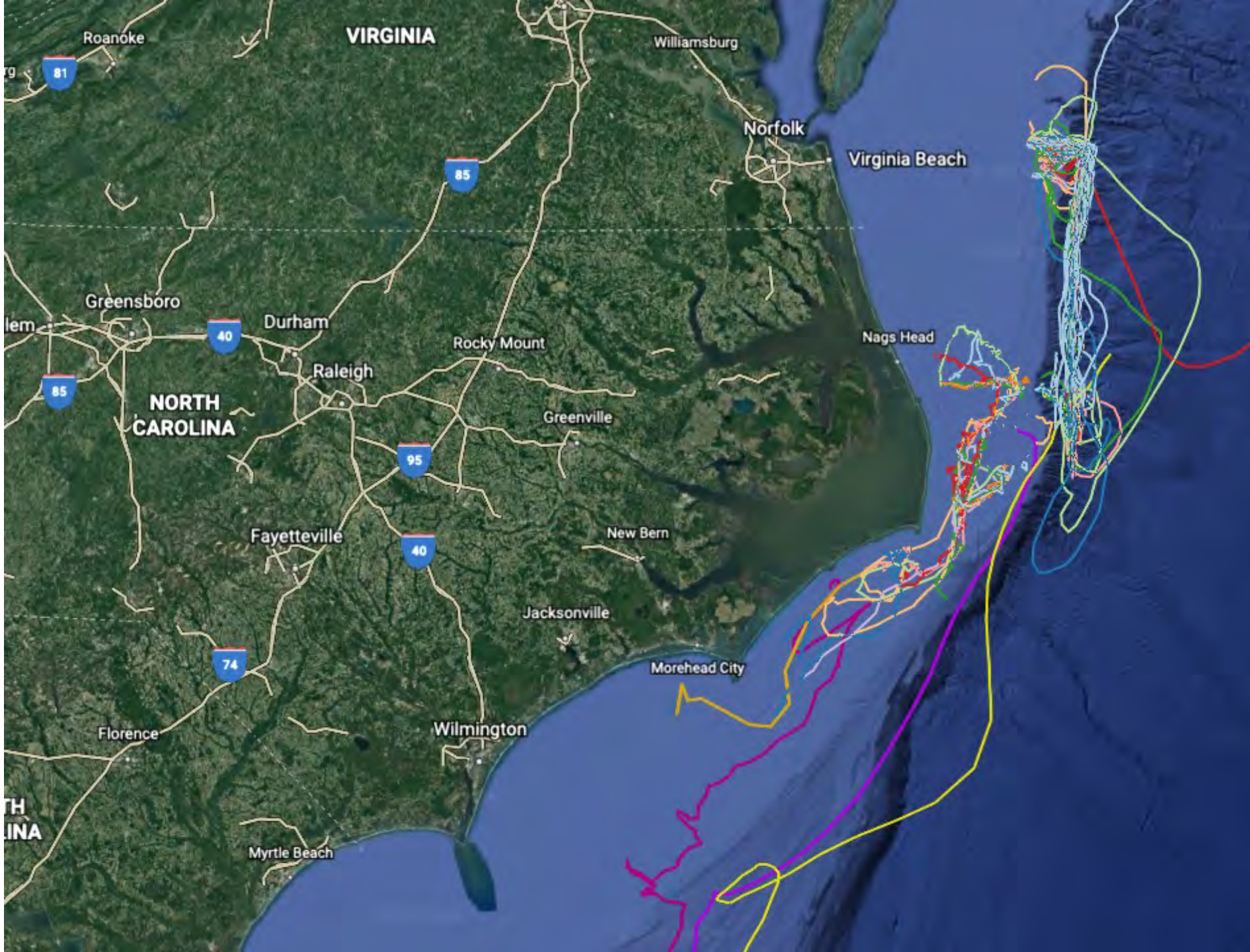
 FIU



NE NC Recent Past and Ongoing Observations

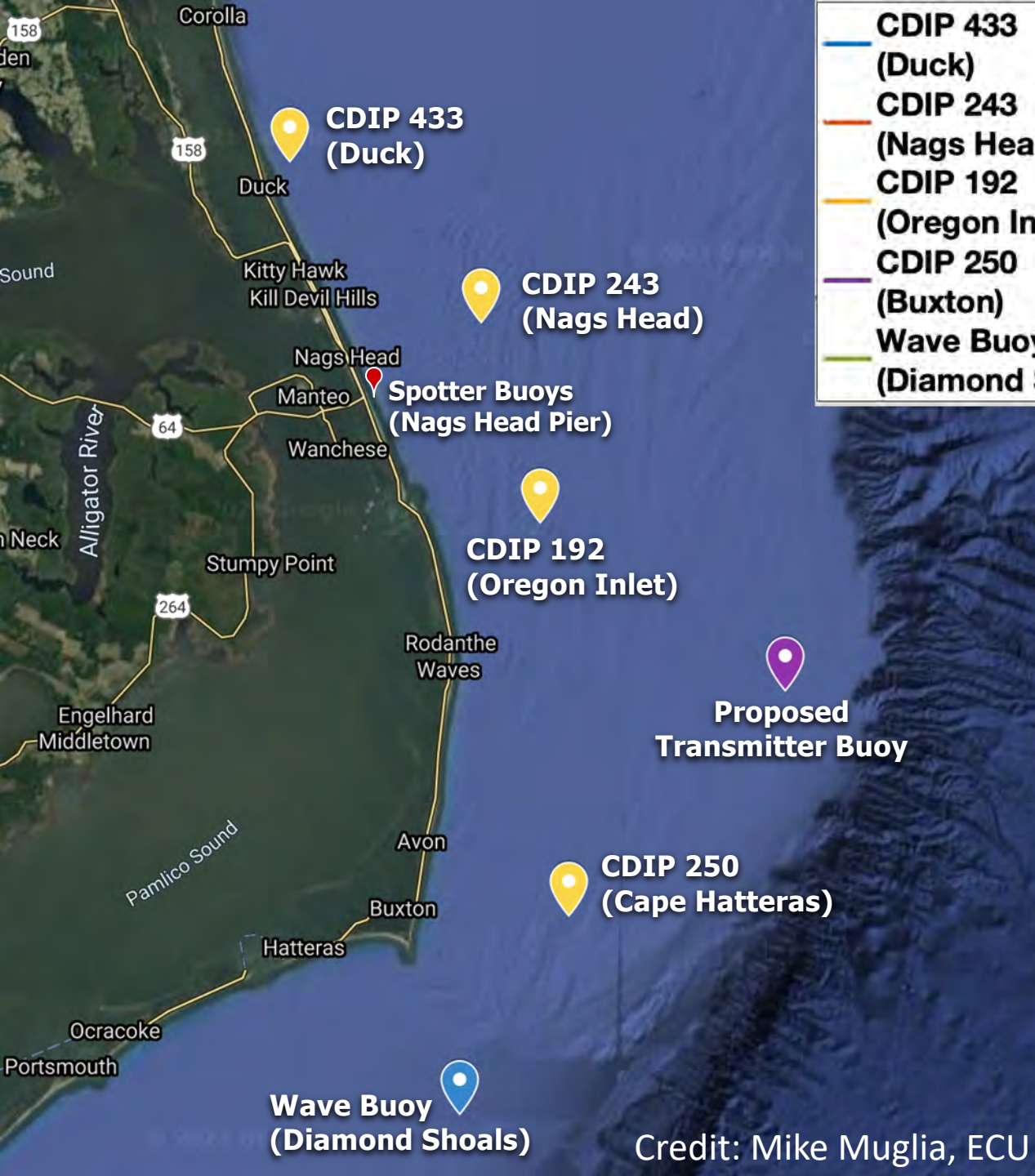
*Adhere to **Quality Assurance of Real Time Oceanographic Data standards (QARTOD)***

- Jennette's Pier Spotter Buoys (8/2020 - present)
- Waverider Buoys
- 5 MHz HF Radar Sites
- 13 MHz HF Radar Sites
- Moored 150 kHz ADCP Instrument Pod (Acoustic Doppler Current Profiler)
- Moored 300 kHz ADCP Instrument Pod (4/2017-11/2019)
- Repeated Research Vessel Transects Current, Temperature, Salinity Measurements
- Meteorological Observing Buoy (4/2017-11/2019)
- Glider transects of Temperature, Salinity, Current, Chlorophyll Measurements

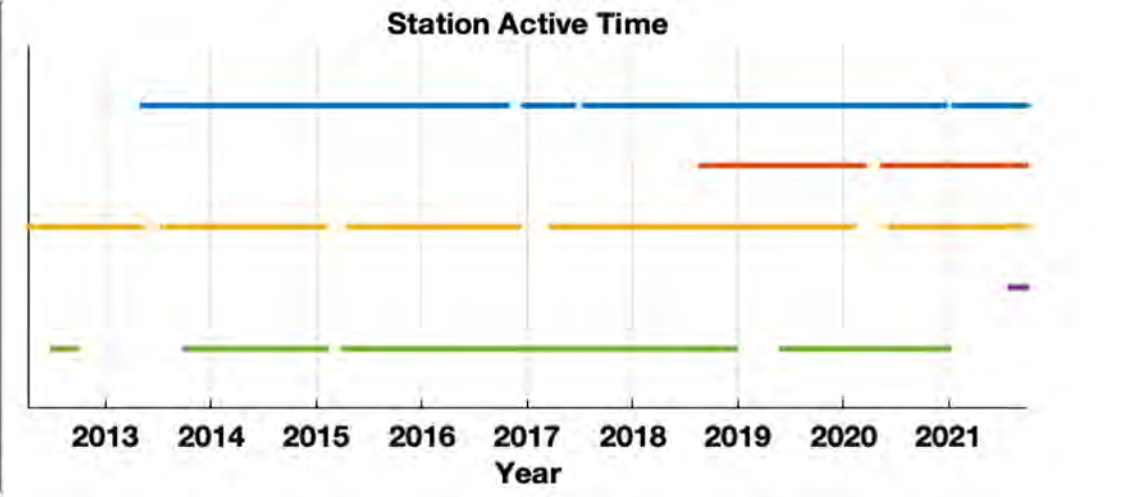


Actual glider runs: PEACH SECOORA

Credit: Harvey Seim, UNC-CH



- CDIP 433 (Duck)
- CDIP 243 (Nags Head)
- CDIP 192 (Oregon Inlet)
- CDIP 250 (Buxton)
- Wave Buoy (Diamond Shoals)



Buoy	Latitude	Longitude	Water Depth (m)
CDIP 433	36.200 N	-75.715E	11
CDIP 243	36.001 N	-75.421 E	26
SPOT 0560	35.912 N	-75.593 E	5
SPOT 0947	" " "	" " "	5
CDIP 192	35.750 N	-75.330 E	26
Transmitter Buoy	35.541 N	-74.955 E	47
CDIP 250	35.259 N	-75.286 E	26
Diamond Shoals	35.010 N	-75.454 E	48.8

Credit: Mike Muglia, ECU

Affiliated Programs

Southeast Ocean and Coastal Acidification Network (SOCAN)



SOCAN is an interdisciplinary network dedicated to supporting discussions on ocean and coastal acidification in the Southeast. (socan.secoora.org)

[VIRTUAL Meeting](#): Dec. 1, 10A-4P ET

Regional Ocean Data Sharing Initiative



Partnership w/ NOAA OCM to fill data gaps. Current efforts include:

1. IDing needs for additional sand info
2. Normalizing & making available state shellfish data
3. Visualizing fish tag & envm. data
4. Wind energy decision-support tool
5. SE Water Level Initiative

Southeast and Caribbean Disaster Resilience Partnership



The Partnership connects disaster recovery practitioners from public, private, and non-profit backgrounds and provides a platform for training, resources, and relationships that coastal communities need to bounce back.

(sdrp.secoora.org)

New Coordinator: Meredith Hovis

[Virtual Meeting](#): Jan. 26-27

FACT Network



The FACT Network is a grassroots collaboration of marine scientists using acoustic telemetry and other technologies to better understand and conserve our region's important fish and sea turtle species. The FACT Network includes partners from the Bahamas to the Carolinas (and is growing everyday).

(secoora.org/fact/)

[VIRTUAL Meeting](#): Dec. 14-15, 2021

