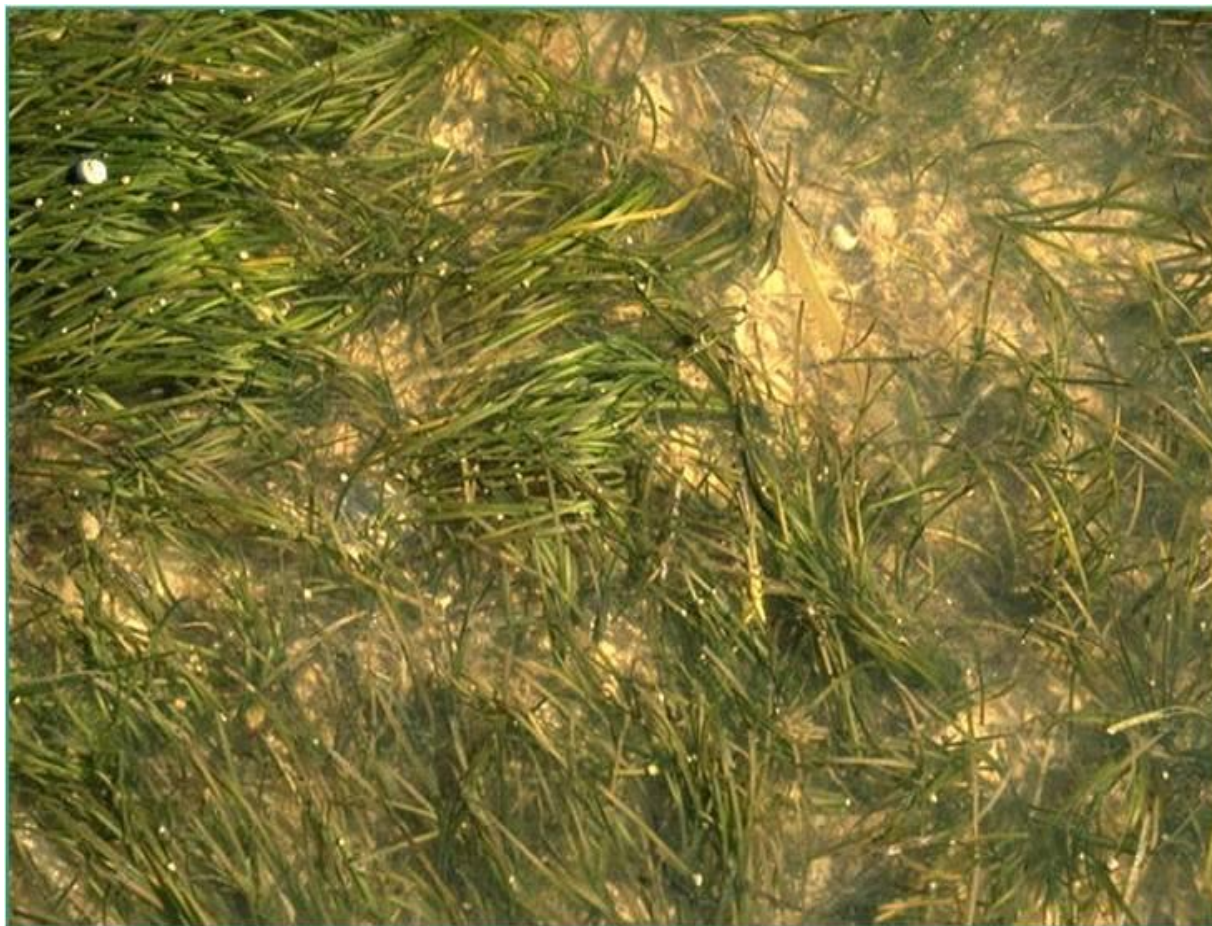


Submerged Aquatic Vegetation

Current NC Conservation and Management Strategies



APNEP Comprehensive Conservation and Management Plan



NCDEQ Division Rule Changes and NC Coastal Habitat Protection Plan



Albemarle-Pamlico Estuarine Study

- A-P among the first national estuaries
- ~100 characterization studies (1987-1994)
- Water quality and SAV research
- Available at apnep.org



Creating an SAV Partnership

- MOU adopted in 2006
 - 9 state agencies
 - 9 academic institutions
 - 4 federal agencies
 - 2 NGOs
- Conserve SAV through cooperative research, monitoring, restoration, and educational activities
 - 2006-2008 statewide mapping
 - Signage at boat ramps



Developing monitoring protocols and an SAV sentinel network

- SAV Partnership collaborative research and monitoring
 - 2012 study made recommendations for a statewide SAV monitoring program
 - 2012-2014 A-P high-salinity SAV mapping
 - 2014 study to establish low-salinity SAV sentinel sites
 - 2015 Onslow SAV mapping
- APNEP fully inherits SAV Partnership in 2016 and establishes an SAV Team
 - Continue monitoring and assessment focus
 - More emphasis on policy and outreach actions to support APNEP CCMP and NC CHPP

Recent SAV Team efforts

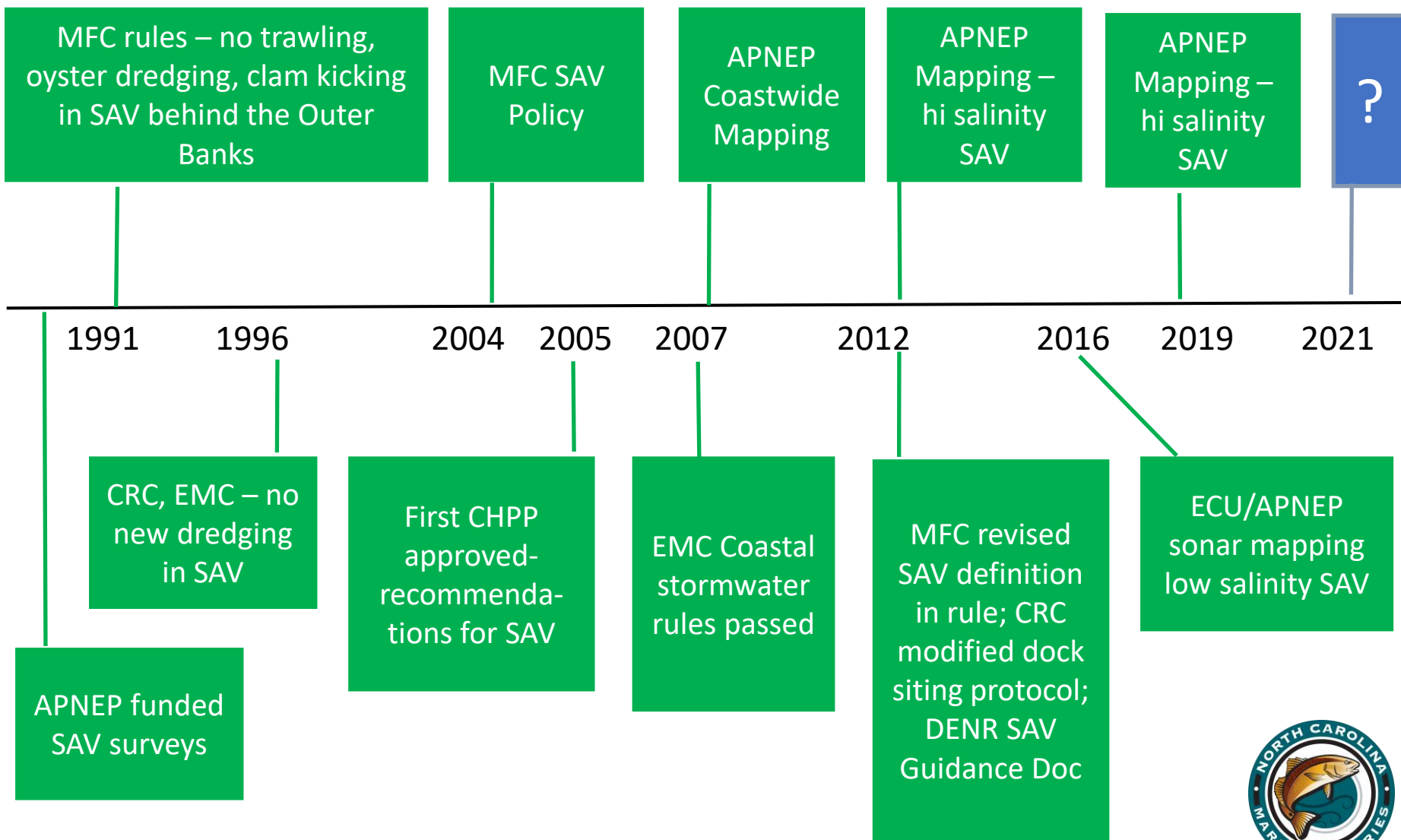
- Research
 - 2017 Fellowship in Estuarine Research - SAV restoration
 - 2017-2019 low-salinity SAV sentinel site monitoring
 - 2017-2020 high-salinity SAV sentinel site identification and protocol development
 - 2020 economic study of A-P SAV
- Monitoring
 - 2019-2020 statewide high-salinity SAV mapping
- Outreach
 - 2018-2020 strategic communications plan development

SAV and WQ monitoring strategy

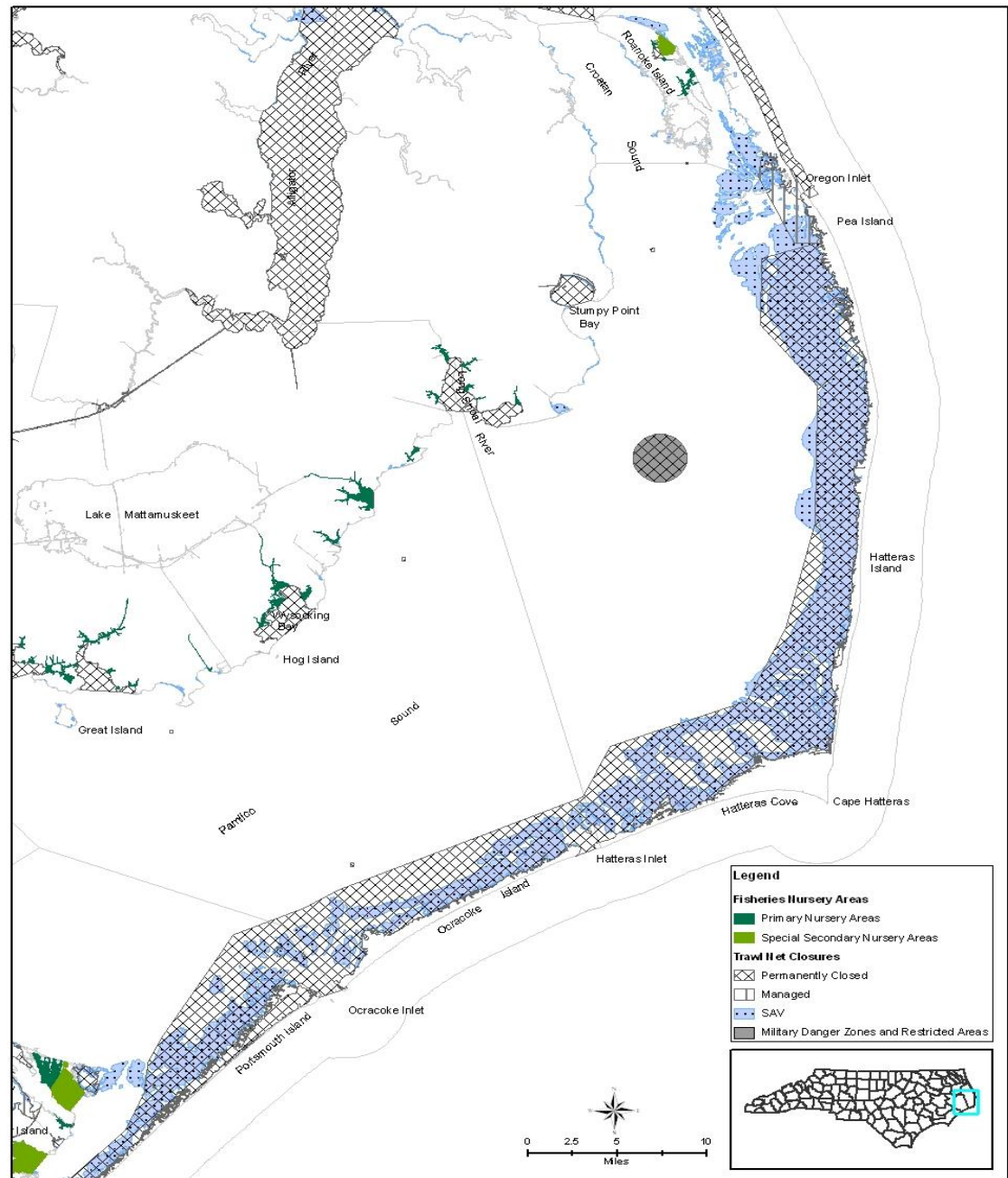
- APNEP is developing a strategy for integrated SAV and WQ monitoring to determine ecosystem health and management success
 - Scientific needs?
 - Management needs?
 - Gaps in existing monitoring?
 - Logistical hurdles, including funding limitations?
 - Short-term vs. long-term commitments?
 - Coordination, cooperation, and collaboration?

Submerged Aquatic Vegetation

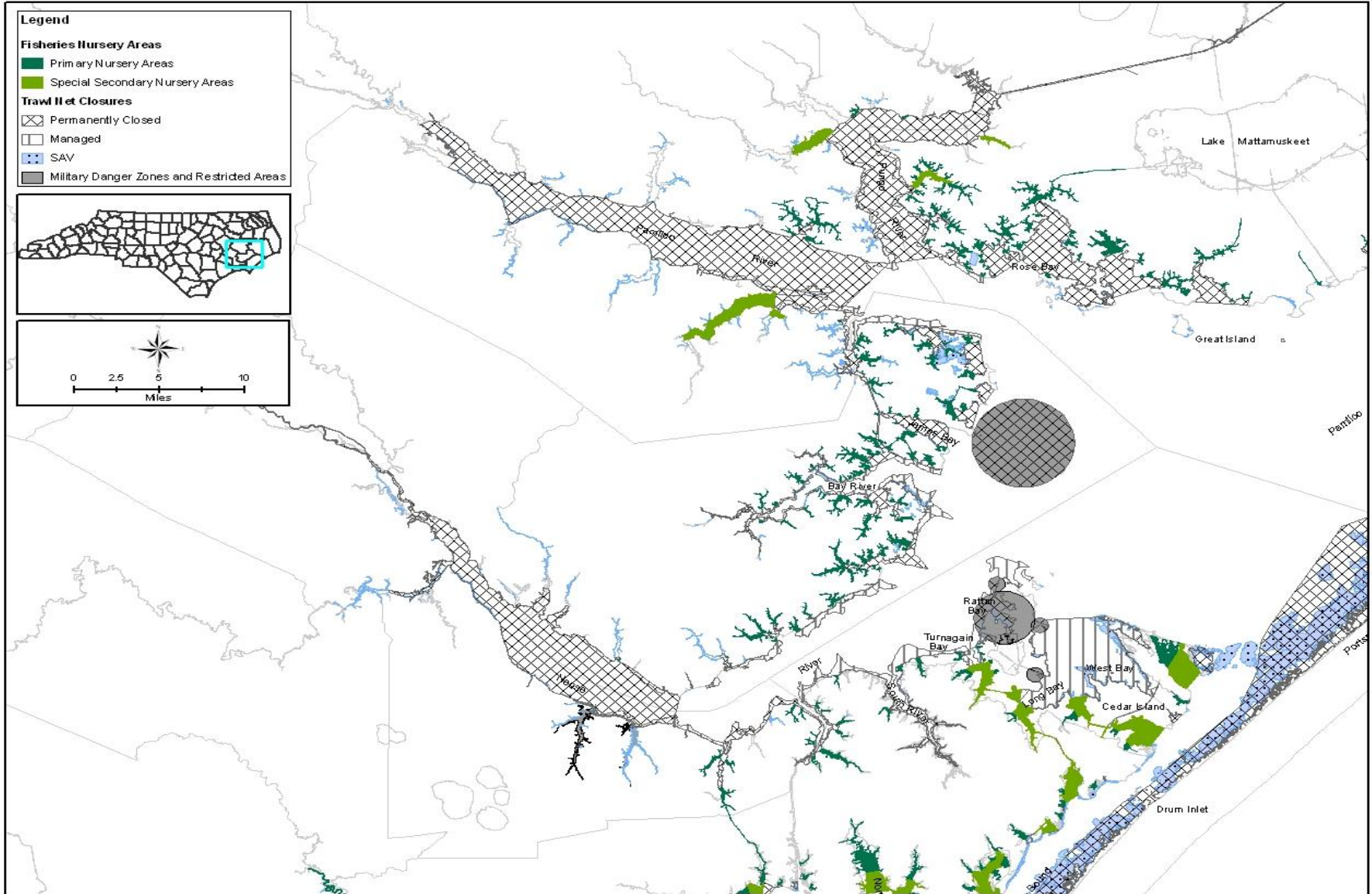
Current Conservation and Management Strategies



Trawl Net Prohibited Areas, SAV, and MFC designated nursery areas, Pamlico Sound



Trawl Net Prohibited Areas, SAV, and MFC designated nursery areas, Pamlico and Neuse rivers



Trawl Net Prohibited Areas, SAV, and MFC designated nursery areas, Core to Topsail sounds

