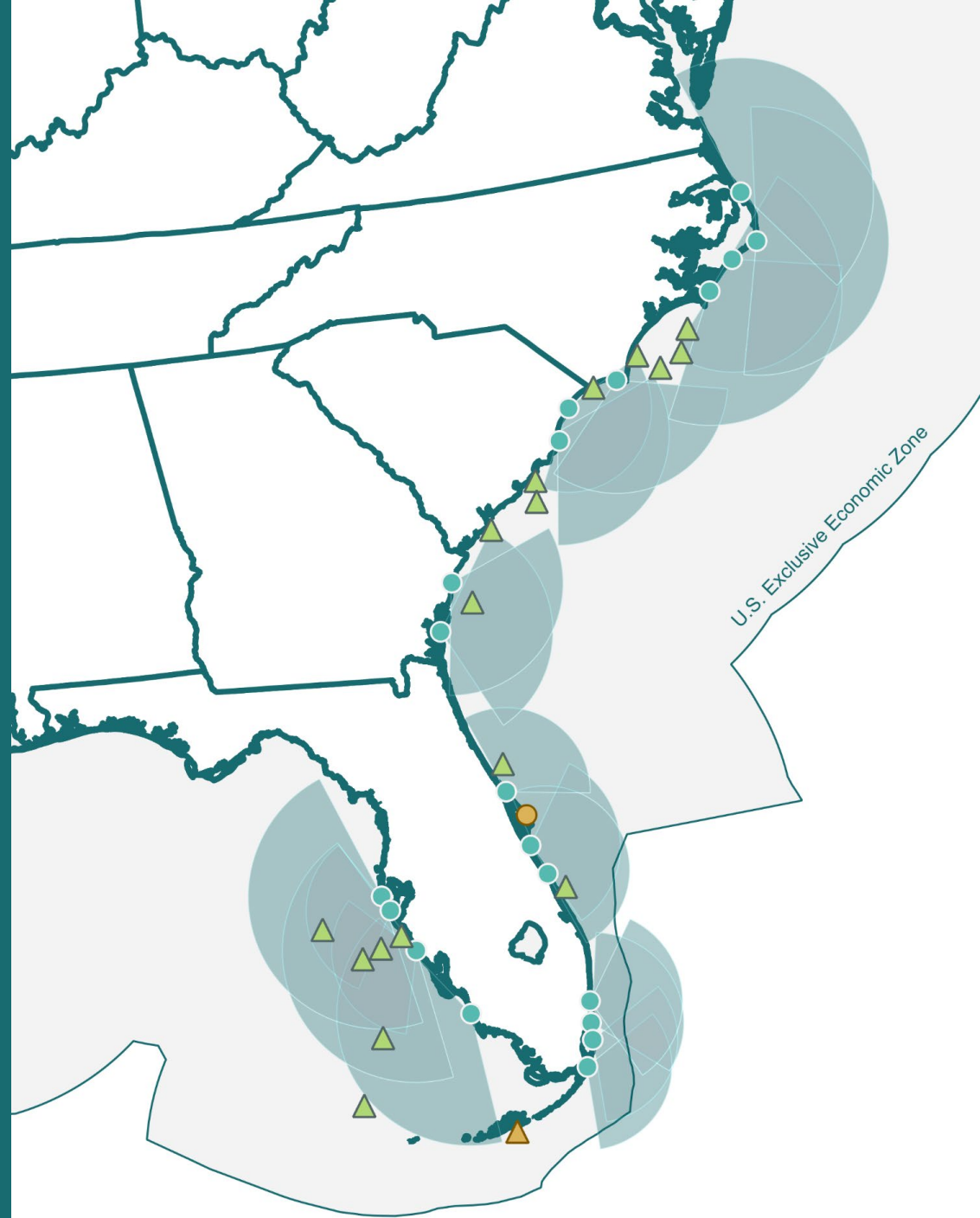


Southeast Ocean and Coastal Acidification Network

Janet J. Reimer (Mid-Atlantic
Regional Council on the
Ocean)

Emily R. Hall (Mote Marine
Laboratory)





Overview

- **Acidification is low pH that has detrimental effects on species**
- **SOCAN is a virtual network of researchers, educators, resource managers, industry representatives, and cultural/indigenous groups**
- **Funded through NOAA's Ocean Acidification Program and fiscally managed by SECOORA**
- **Our mission is to advance knowledge surrounding acidification, mitigation strategies, and education**

Accomplishments



NOAA OCEAN ACIDIFICATION PROGRAM

Core Activities

- Collaborate with NOAA OAP and the other CANs
- Participated in the IWG-OA “*Ocean Chemistry Coastal Community Vulnerability Assessment*” released in September 2023
- Contributed to the pending IWG-OA “Monitoring Prioritization Report”
- Webinars on timely acidification topics
- Participation in proposal writing
- Continual website updates
www.socan.secoora.org



Vulnerability Summary



Accomplishments



Coastal Acidification in Long Bay & Murrell's Inlet , SC

- SC Sea Grant funded project (FY22-24)
- Funded a Masters Student
- Determined that low pH accompanies hypoxia in coastal and inland bays
- Citizen science component that was validated and found to be highly successful
- Enabled SOCAN to participate in TOTE Workshop at ACE Basin NERR





Accomplishments

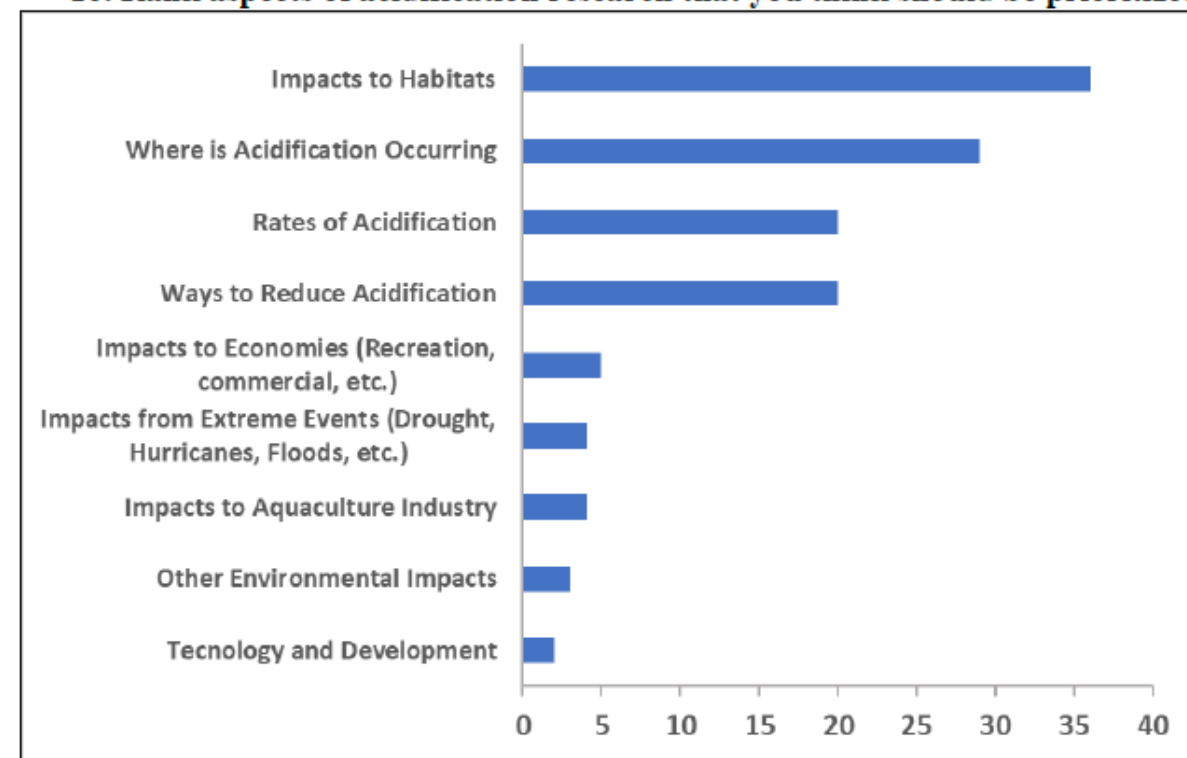
SOCAN-GCAN Stakeholder Feedback Project

- Surveyed stakeholders from across the Southeast and the Gulf coast to understand their perception of acidification and where they think monitoring needs started or enhanced
- Final report is on the website and was sent to NOAA OAP



Stakeholder Feedback

16. Rank aspects of acidification research that you think should be prioritized.



Accomplishments



SeapHOx deployment in Looe Key, FL – June 2024

- Sea floor monitoring for pH and dissolved oxygen
- Collaboration with Mote Marine Lab and USGS
 - Carbonate dissolution *ex situ* experiment





Looking Ahead

- **SeapHOx Deployment and additional funding search for data synthesis**
- **Tribal listening session planned for FY26 in collaboration with MACAN**
- **Webinars with GCAN/GCOOS for 2024**
- **Continued participation in NOAA OAP projects as needed**
- **Collaborations with other national CANs**