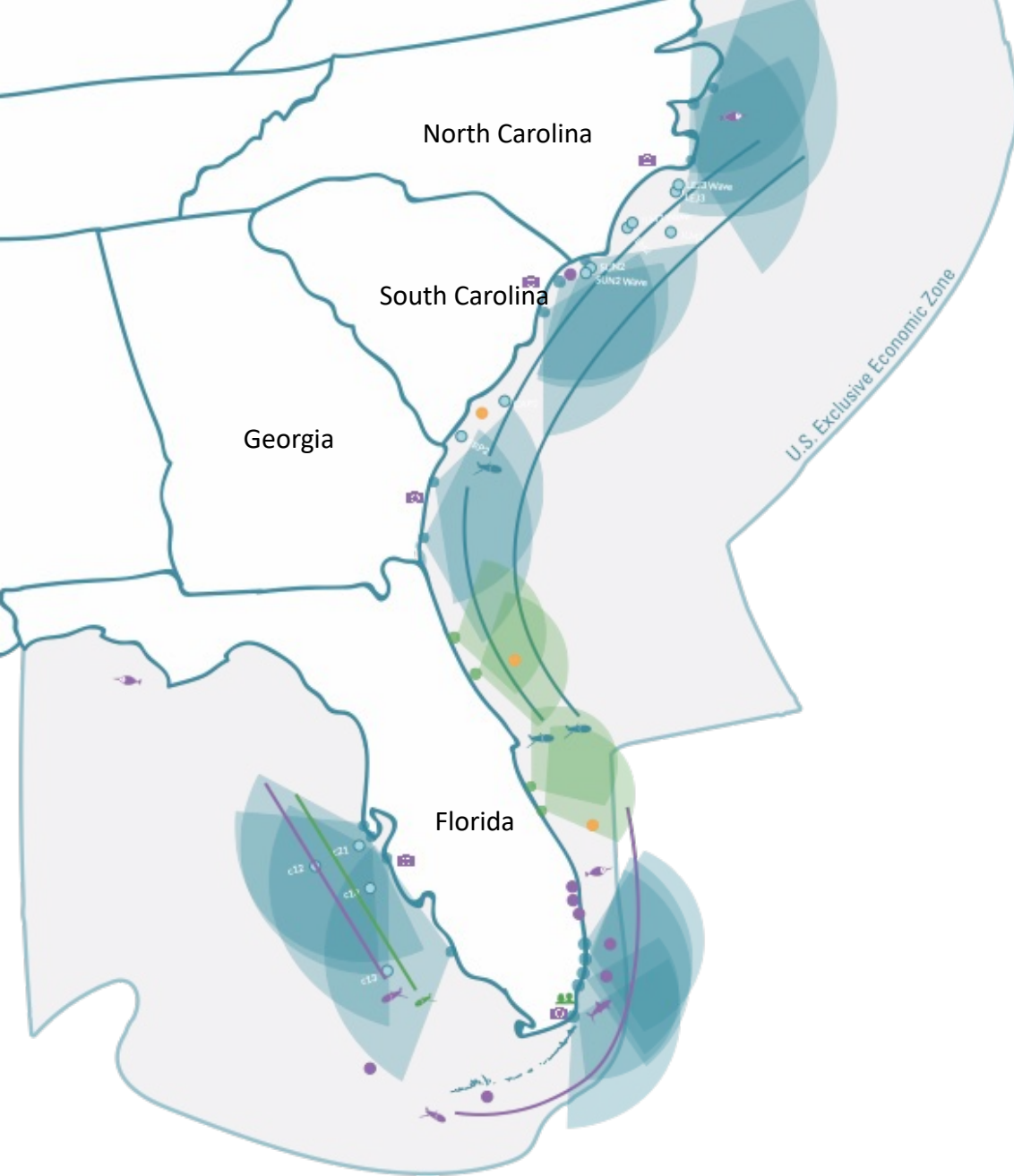


Expanding Southeast Water Level Sensor Network in the Pee Dee Watershed to Reach Underserved Under-resourced Communities

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Engagement Specialist

Katie Finnegan, PE, Coastal Processes Specialist



Overview of the Project

- Make connections with underserved communities in the Pee Dee watershed who experience flooding
- Work with communities to find locations to install water level sensors
- Assist communities in accessing water level sensor data and establishing local flooding thresholds

Ke'Ziyah Williamson, Coastal Watershed Engagement Specialist

Katie Finnegan, PE, Coastal Processes Specialist

Accomplishments

- Summer 2022 – Community Engaged Intern (SC Sea Grant Consortium) Connected with 5 communities
- Fall 2022 – SECOORA funding, Hired Engagement Specialist
- Winter 2022 – Connected with 2 additional communities
- February 2023 – Installed sensor in Bennettsville (Marlboro County)
- March 2023 – Published article about partnership in Williamsburg County
- Use Guides including video at <https://www.scseagrant.org/south-carolinas-water-level-monitoring-initiative/>

Challenges Looking Ahead

- Collaborating with SCDOT
- Responding to concerns about sensor data formats/access
- Establishing a flooding threshold for each sensor