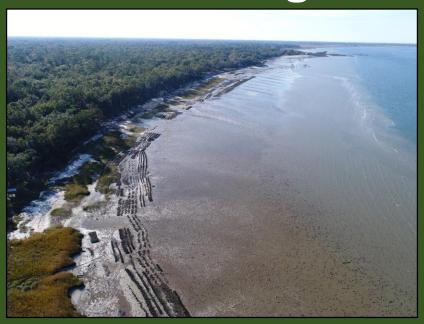
# Challenges and Opportunities Managing Dynamic Shorelines in South Carolina and Georgia

Edges of Our Estuaries Workshop GTM NERR, St. Augustine, FL October 18 – 19, 2018

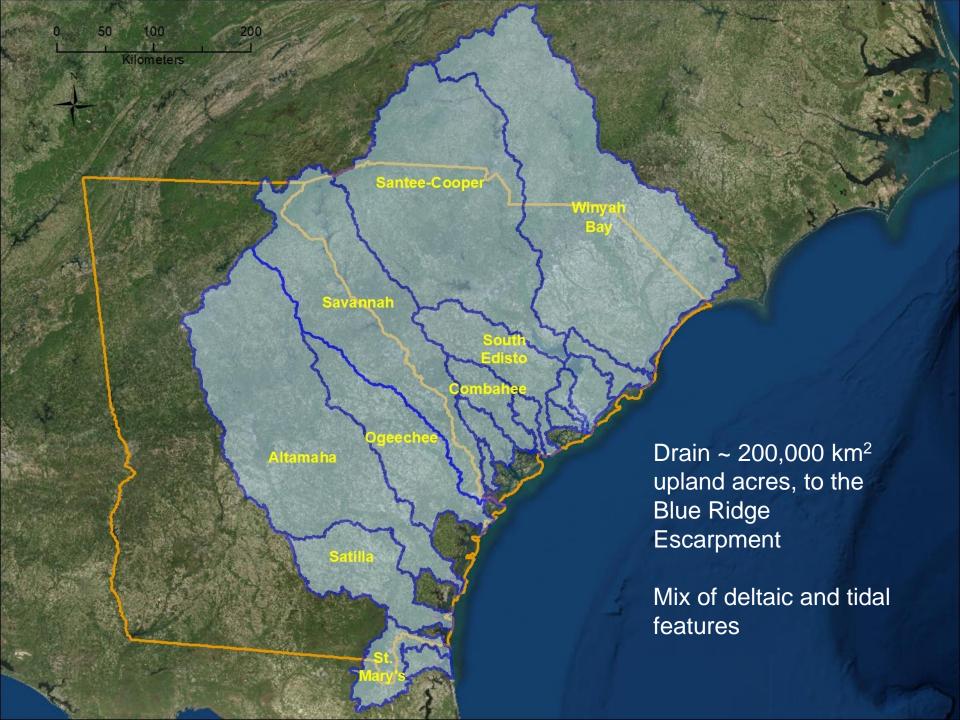


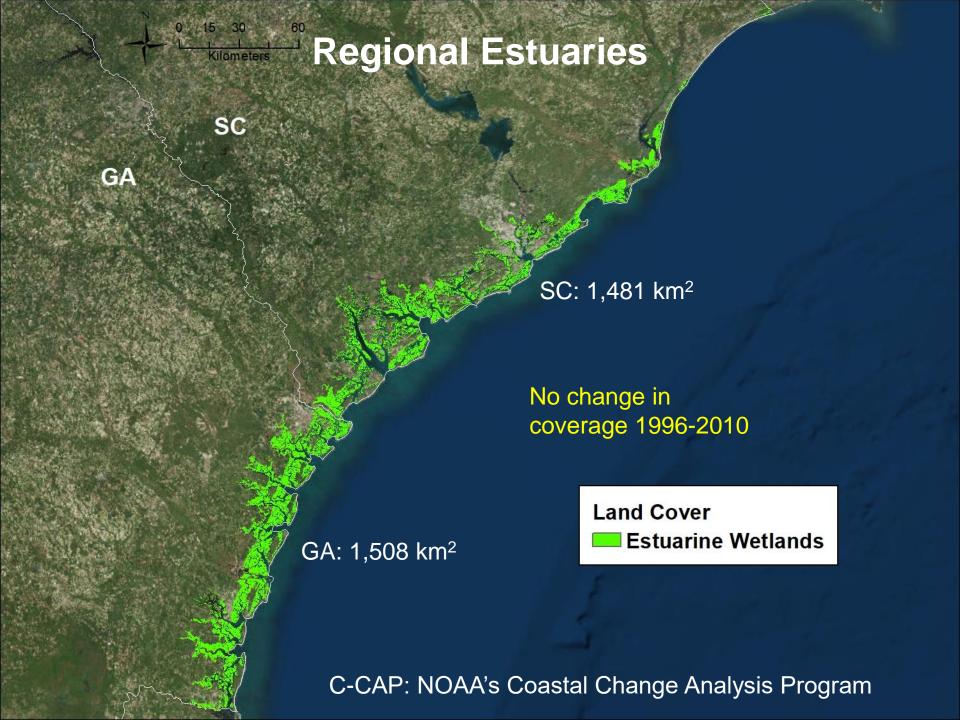


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#### Salt Marsh

### Dominant Wetland Vegetation Types





Juncus roemerianus (low salinity)

Spartina alterniflora (high salinity)

## **Oysters**

## Primarily Intertidal

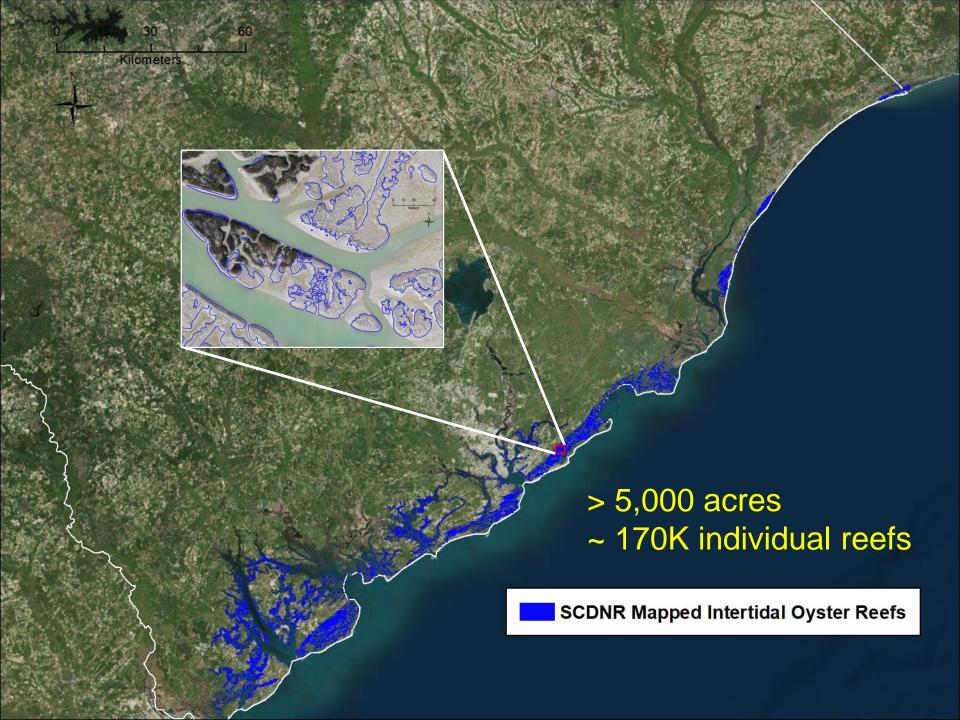
Natural Breakwaters

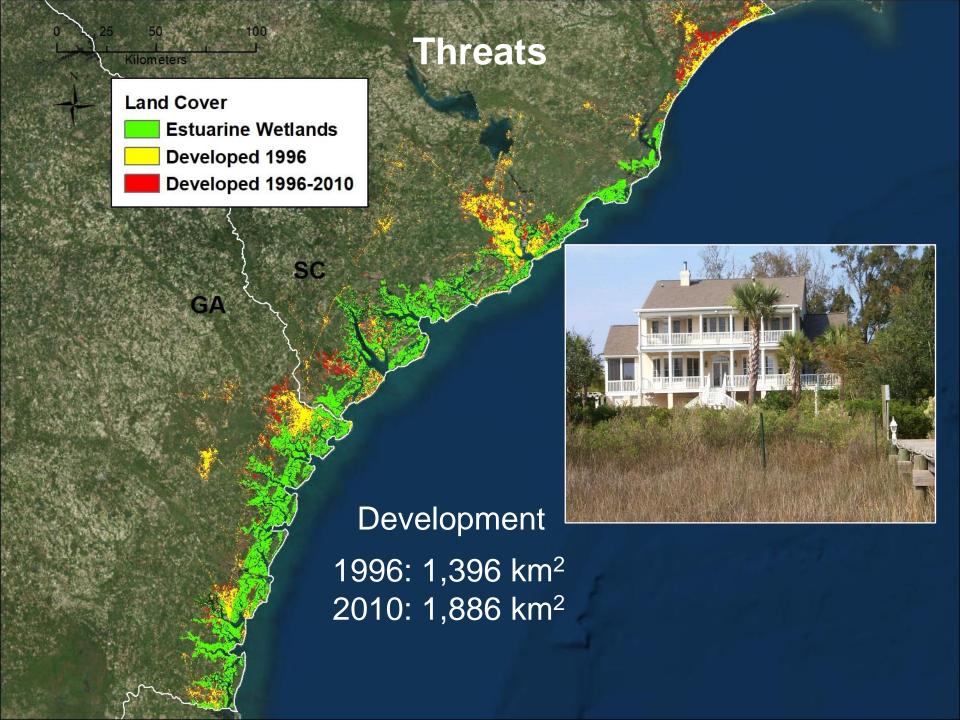




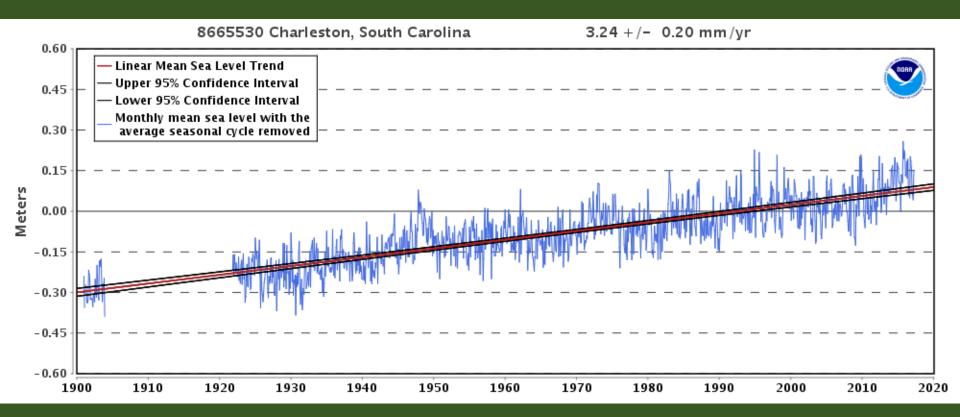
Fringing reefs

Patch reefs





#### Sea Level Rise



Compression: with development, where can oysters and estuarine wetlands go?

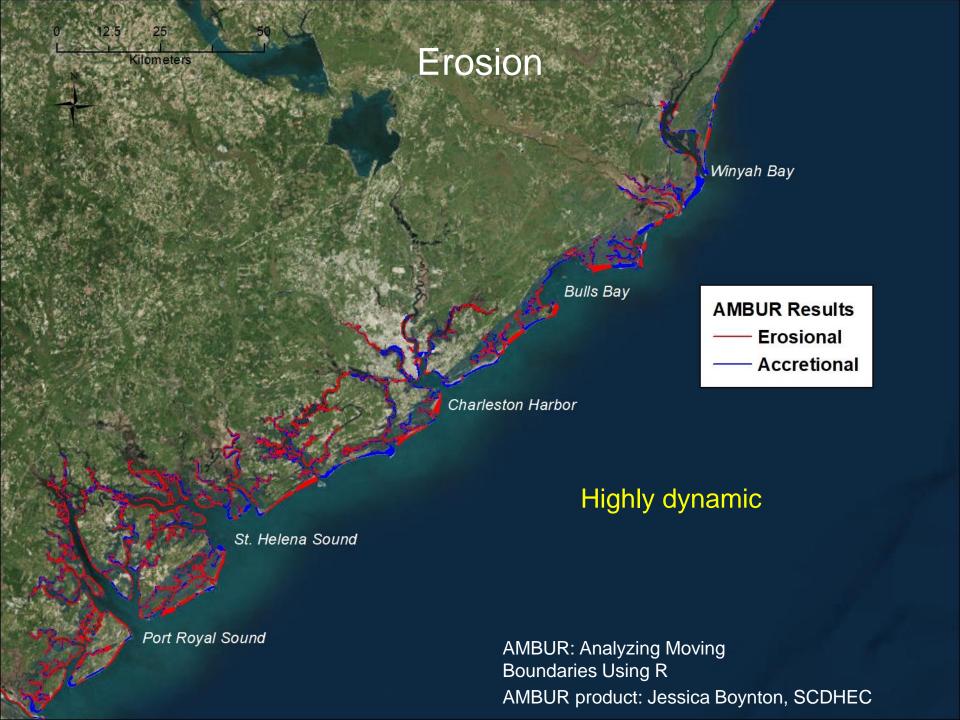
Figure: Denise Sanger, SCDNR

### Increased boat traffic and storminess











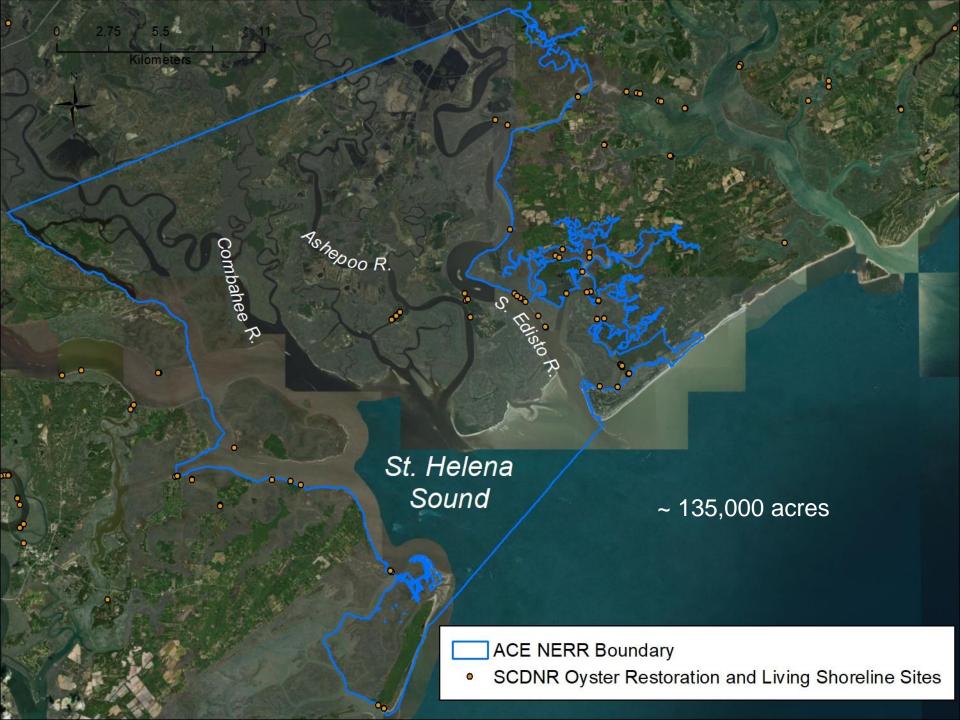






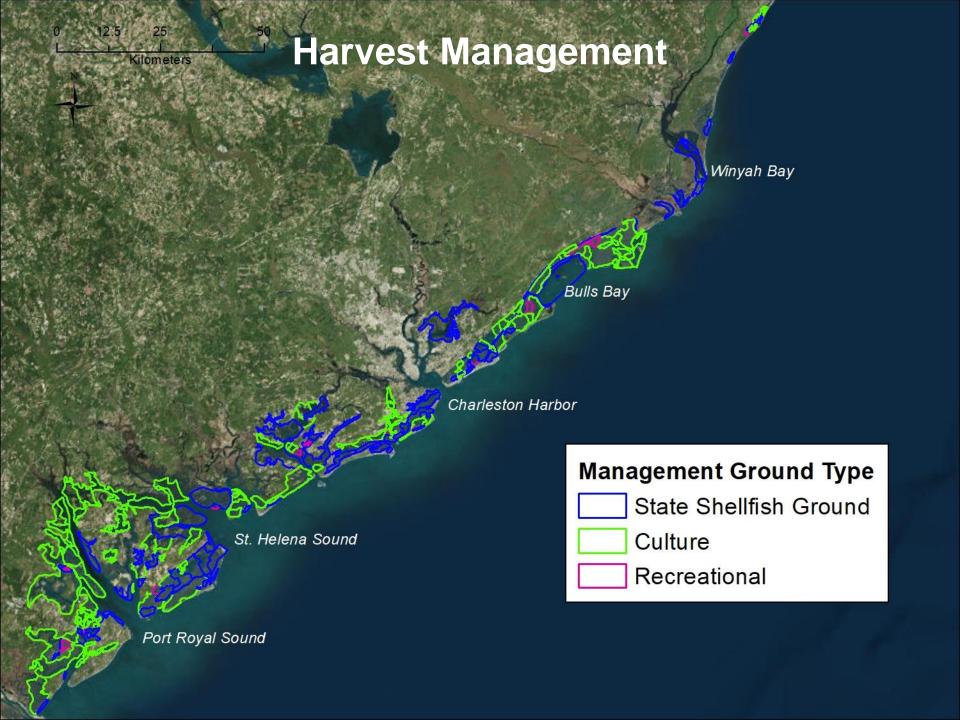
## 28 reserves, protects >1.3 million acres in 22 states and Puerto Rico













# Thank You

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