

Establishing SETs on the Northeast Cape Fear River

Lori Sutter, UNCW

SECOORA award to establish new surface elevation tables: July 2026 CoP Meeting

Charleston, SC

Supports Two Programs

- UNCW Wetland Ecology lab
 - Plant community organization altering ecosystem functions along the freshwater to marine continuum
 - Swamps and marshes
- USGS
 - National network
 - Tidal freshwater forest to ghost forest transition
 - Adds a blackwater river



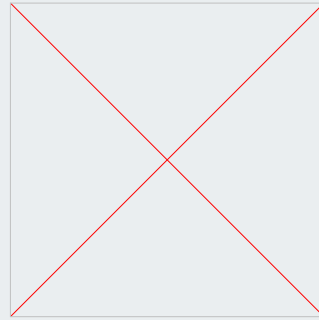
Bottomland Hardwood, Sept 2025



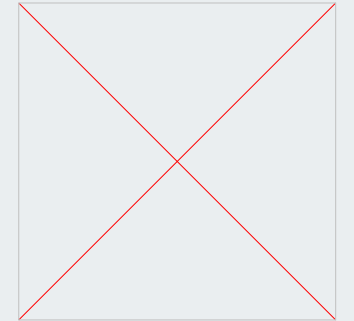
Tidal Freshwater Marsh, March 2026



Tidal Freshwater Swamp, May & June 2026

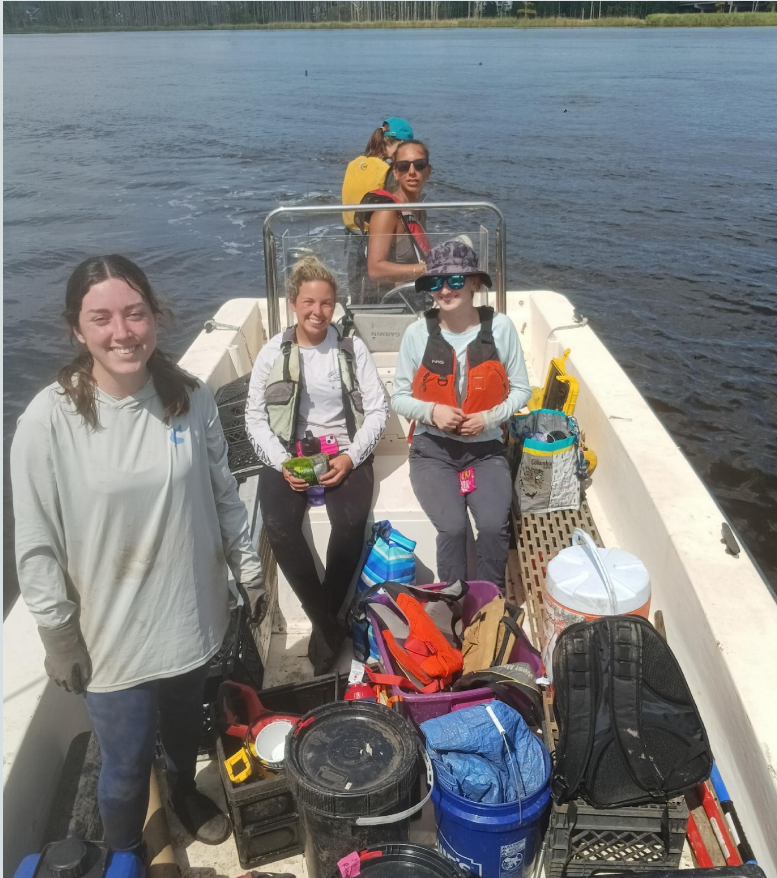


First attempt



Second attempt

Oligohaline Marsh, June 2026



USGS collaborators can travel again!

- Finish late 2026
 - Head of Tide (#2)
 - Tidal Freshwater Forest (#3)
Third time's a charm?
 - Ghost Forest (#5)

Impacts of coastal and watershed changes on upper estuaries: causes and implications of wetland ecosystem transitions along the US Atlantic and Gulf Coasts

ACTIVE
By [Ecosystems Land Change Science Program](#) February 26, 2020

