Leveraging a Living Shorelines Project to Engage Apalachicola NERR Capabilities
Exploring the unique capabilities of the Reserve that allows staff to put science to work for coastal communities.
Reserve Restoration Planning

• Goal: to restore, enhance and protect habitats; restore, improve and protect water resources, protect and restore coastal resources; and restore and enhance natural processes.

• Completed shoreline assessment within Reserve boundaries to identify eroding shorelines that may benefit from restoration.

• Developed a Restoration Planning Guide to address current priority restoration needs specifically related to shoreline erosion in the Reserve.
Living Shorelines Timeline
Providing the science needed for today and tomorrow

1984
St. George Island-Sawyer Street East
Collaboration between ANERR and the USEPA.

Shoreline stabilization experiment using an offshore breakwater; creation and monitoring of marsh; assessment of shoreline changes and public education and outreach.

2004
Millender Park – ANERR Headquarters
Initiated to stabilize the shoreline north of ANERR headquarters, reduce erosion and restore saltmarsh on Apalachicola Bay.

2009
Indian Creek Park
Collaboration between ANERR, Apalachicola Riverkeepers and FWS.

Stabilization of failing seawall. Constructed breakwater and planted native wetland and upland plants.

2012
ANERR Headquarters-Cat Point
Mitigation for impacts associated with the SGI Tapline rebuild. Project consisted of bagged, fossilized oyster shell and planting native, wetland species.

2016
Little St. George Island
Collaboration with the Forgotten Coast Conservation Corp.

Oyster reef breakwater coupled with native vegetation restoration to reduce erosion, create habitat and protect the historic Marshall House.

2018
St. George Island-Sawyer Street West
Collaboration with the Forgotten Coast Conservation Corp.

Oyster reef breakwater coupled with native vegetation to reduce erosion, create habitat and protect road.

2019
ANERR Headquarters-Cat Point
Will be 3rd living shoreline installed along shore at ANERR; part of demonstration site.

Larger, NRDA project
Potential for continued science collaboration

Oyster “mattress” with native vegetation.
The Reserve partners with volunteers to construct living shorelines
The Reserve works with students to plant and monitor marsh habitat and explore food webs.
The Reserve informs homeowners and professional stakeholders on best management practices and various techniques.
Thank you! For more information please contact Kim Wren
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