



Living Shorelines for Erosion Control on Estuarine Shorelines

This workshop is for marine contractors, engineers, landscape architects, land use planners, floodplain managers, and other professionals.

Wednesday, February 20, 2019

Coastal Studies Institute

Room R262

[850 NC-345, Wanchese, NC 27981](http://850-NC-345-Wanchese-NC-27981)

Workshop Objectives – Participants will learn about:

- The benefits and limitations of using living shorelines for erosion control;
- Living shorelines design standards based on site conditions;
- Best practices for living shoreline construction and use of marsh plants and oyster shell;
- The permitting process for living shorelines; and
- Living shoreline projects in the northern coastal region.

Agenda

- 8:15am** **Check-in & Coffee**
- 8:30am** **Welcome and Introduction**
- 8:45am** **Living Shorelines: Benefits & Limitations** – Lindsay Dubbs, Coastal Studies Institute
- 9:25am** **Overview of Living Shoreline Types and Local Site Conditions**
Steve Trowell, N.C. Division of Coastal Management
- 10:05am** **Break**
- 10:20am** **Best Practices for Working with Marsh Plants and Oyster Shell**
Erin Fleckenstein, North Carolina Coastal Federation
- 11:00am** **Permitting Living Shorelines**
Cynthia Rountree, N.C. Division of Coastal Management
- 11:30pm** **Lunch (provided)**
- 12:15pm** **Living Shoreline Construction Best Practices**
Steve Trowell, N.C. Division of Coastal Management
- 12:45pm** **Living Shoreline Case Studies**
- Coastal Studies Institute – David Sybert
 - North Carolina Coastal Federation & Edenhouse Boat Ramp – Erin Fleckenstein
 - Moor Shore Road Project – Carlos Gomez, Coastal Engineering & Surveying, Inc.
- 2:00pm** **Adjourn**