

Engineering with Nature to Protect Rhode Island Shorelines

Tuesday, April 10, 2018 | 9:00 am-4:30 pm

URI Coastal Institute, Bay Campus, Narragansett, RI

Objectives

- Describe practices that use vegetation and other natural materials to address shoreline erosion
- Explain current regulations that apply to nature-based shoreline stabilization practices in Rhode Island
- Recognize the pros and cons of implementing various practices and lessons learned from actual on-the-ground installations
- Discuss barriers or obstacles encountered before, during, and after implementation
- Identify additional tools and resources related to Rhode Island/New England best practices, existing applications in Rhode Island, and funding options

Agenda

9:00 am

Welcome & introductions

Setting the stage *What are the current regulations that apply to nature-based shoreline projects in Rhode Island?*

State of the practice of living shorelines in New England: an overview

What nature-based shoreline projects are being implemented in New England? What would you like to see in Rhode Island?

BREAK

Local case studies *What makes for a successful project?*

- Stillhouse Cove, Cranston
- Matunuck dune project, South Kingstown
- Barrington Beach, Barrington
- Calf Pasture Point, North Kingstown
- City Park, Warwick

12:00 pm

LUNCH

Panel & group discussions

BREAK

How do we address regulatory issues? *What challenges and opportunities are associated with the current regulations? What needs to change to move nature-based shoreline projects forward in Rhode Island?*

Looking toward the future *How do we identify and fill data gaps? What are the key metrics for determining success? What do we need to better understand?*

Wrap up & evaluations

4:30 pm

Adjourn