

Going Green – Furthering Living Shorelines in Maine

Audience: Engineers, landscape architects, consultants, designers interested in incorporating green infrastructure and living shoreline stabilization techniques into projects around coastal Maine.

Planning and Engineer credits will be available

Date: April 6, 2018 **Time:** 8:30 AM – 3:30 PM

Location: Great Portland Council of Governments Conference Room, 970 Baxter Boulevard, Portland, ME

Objectives:

1. Learn about living shoreline approaches for erosion control and habitat restoration and enhancement.
2. Learn about local and regional living shoreline project efforts.
3. Identify challenges, opportunities, lessons learned, and next steps for encouraging permitting, design and implementation of living shoreline projects on public and private properties.
4. Provide updates on regulatory aspects of getting living shorelines in the ground.
5. Obtain tools and strategies for executing a successful living shoreline project.
6. Create a community of practitioners interested in living shoreline design in coastal Maine and the region.

Agenda

8:15-8:30 Sign in, Networking and Continental Breakfast

8:30-9:00 Welcome, objectives, introductions, background on project/workshop, agenda (Chris Feurt, WNERR; Kathleen Leyden, MCP; Peter Slovinsky, MGS)

9:00-10:30 Mackworth Island Field Trip (Peter Slovinsky, MGS; Troy Barry, Headwaters Hydro)

Mackworth Island site visit - coastal bluff environment with erosion and upland hydrology issues; assess issues using different decision support tools. Include case study information on property, assessment information. Field trip sets the stage for discussion of potential LS solutions. Summarize site issues and factors influencing noted during site visit.

10:30-11:00 Return to GPCOG, restroom break and snacks

11:00-12:00 Small Group Debrief on Mackworth Field Trip

11:00-11:30 – Convene in 3 to 4 small breakouts with large aeriels of site. What else did you notice at the site? What would you do here for a solution? Why? Each group digs into project site and develops options for mitigating shoreline erosion.

11:30-12:00 – Reconvene as large group to report out on concepts and designs.

12:00-12:45 Lunch Provided, networking and discussion

12:45-1:00 Review of state and federal permitting requirements and challenges (Marybeth Richardson, MEDEP; Jay Clement, USACE)

1:00-2:00 NOAA Living Shorelines 2.0 Project Updates

1:00-1:30 – NOAA Living Shorelines Maine Project Update (Peter Slovinsky, MGS; Curtis Bohlen, CBEP)

1:30-2:00 – NOAA Living Shorelines NH Project Update (TBD)

2:00-2:45 Living Shoreline Panel

Analysis by practitioners and engineers on challenges, opportunities, lessons learned as it relates to living shorelines projects in Maine. Participants: MDOT, Troy Barry, Headwaters Hydro; Barney Baker, Baker Design Consultants; Tim Forrester, Atlantic Environmental; and Jon Edgerton, Wright Pierce.

2:45-3:15 Facilitated Group Discussion

What were common themes, challenges and lessons learned? How do we further living shorelines in Maine? How do we best engage other consultants and engineers? Property owners? Develop a list of next steps and where we go from here.

3:15-3:30 Conclusion and Workshop Evaluation

3:30 Adjourn and Networking