



Mid-Atlantic Living Shorelines Summit

December 10-11, 2013
Cambridge, Maryland

Purpose and Outcomes

- Share research, tools and techniques, and lessons learned related to Living Shorelines
- Explore how to use this shared information to energize programs at the state and local levels across the Mid-Atlantic region
- Strengthen and coalesce the Living Shorelines community across the region

Agenda

Day 1, December 10, 2013	
7:30-8:30am Choptank	Registration & Breakfast (Seated)
8:30 am Chesapeake ABCD	Opening: <ul style="list-style-type: none"> • Kevin Smith, MD Dept of Natural Resources (DNR) – Purpose and Outcomes • Cindy Zook, Facilitator – Agenda and Ground Rules
8:50 am	Setting the Stage: <ul style="list-style-type: none"> • Margaret Davidson, NOAA – <i>Living Shorelines in the Face of Sea Level Rise: Coastal Resiliency</i>
9:10 am	Understanding Lessons from Science: <i>Objective – Gain an understanding of scientific studies and research focusing on ecological and project performance of Living Shorelines</i> Moderator: Karen Duhring, Virginia Institute of Marine Science (VIMS) <ul style="list-style-type: none"> • Karen Duhring, VIMS – Living Shorelines Research Framework • Highlights of Living Shorelines Scientific Findings and Implications <ul style="list-style-type: none"> • Carolyn Currin, NOAA • Donna Bilkovic, VIMS • Sadie Drescher, Center for Watershed Protection
10:30 am	Coffee Break (Chesapeake EFG)
10:45 am	Identifying Critical Research Gaps: <i>Objective – Identify limiting data or knowledge needs for advancing design, support, and understanding of Living Shorelines and identify ways to resolve the questions</i> Moderator: Jana Davis, Chesapeake Bay Trust Table and Group Discussion



12:00 pm Choptank	Lunch
1:15 pm	<p>Evolving Living Shorelines - Techniques and Performance:</p> <p><i>Objective – Gain knowledge on current practices and learn about innovative approaches from different regions of the Mid-Atlantic</i></p> <p>Moderator: Bill Shadel, Interstate Environmental Commission (NY, NJ, CT)</p> <ul style="list-style-type: none"> • Scott Hardaway (VIMS) – Overview of Current Practices • Tracy Skrabal, (NC Coastal Federation) – Innovative Practices in NC • Jon Miller (Stevens Institute of Technology) – Innovative Practices in NJ • Albert McCullough (Sustainable Science LLC) – Innovative Practices in MD
3:00 pm	Snack Break
3:15 pm	<p>Adapting Living Shorelines - Forward Thinking:</p> <p><i>Objective – Engage in a provocative dialogue with the panel and the gathered practitioners to understand differing perspectives on Living Shoreline implementation practices.</i></p> <p>Moderator: Bhaskar Subramanian, MD DNR</p> <ul style="list-style-type: none"> • Keith Underwood, Underwood & Associates (MD) • Rob Young, Western Carolina University (NC) • Joe Rieger, Elizabeth River Project (VA)
5:00 pm	Adjourn & Dinner on Your Own
7:00-9:00pm (Optional) Clipper (Dessert & Coffee will be provided)	<p>Living Shorelines Around the Corner and Around the World</p> <p><i>Objective – Presentations and discussion in an informal setting: This will be an opportunity to hear about, share, and discuss living shoreline practices in the Mid-Atlantic and in other regions including the Gulf Coast and Canada. Discussion will focus on techniques, strategies and institutional constraints.</i></p> <p>Moderator: Marguerite Whilden, Terrapin Institute</p> <ul style="list-style-type: none"> • Emily LeGrand, Ecology Action Center, Nova Scotia, Canada • Kirk Mantay, South River Federation, Annapolis, MD • Fabien Dubas, EcoOcean, Montpellier, France • Derren LaBrake, Matrix New World, Florham Park, NJ



Day 2, December 11, 2013	
7:00-8:00am Clipper, Schooner or Cutter	Breakfast (Seated) & Networking
8:00 am Chesapeake ABCD	Reflection – Highlights of Day 1: Moderator: Cindy Zook <ul style="list-style-type: none"> • <i>My biggest take-away from Day 1 ...</i> • <i>Something I can apply as soon as I go home ...</i>
8:30 am	Using Performance Data to Drive Change: <i>Objective – Review work done to date to assess the physical performance of living shoreline techniques and discuss the technical feasibilities and limits of their use and engage in group dialogue about what needs to be done moving forward.</i> Moderator: Court Stevenson, Univ. of MD, Center for Environmental Science (UMCES) <ul style="list-style-type: none"> • Evamaria Koch (UMCES) • Pam Mason (VIMS) Table & Group Discussions
10:00 am	Coffee Break (Chesapeake EFG)
10:15 am	Recognizing Barriers & Identifying Solutions - Programmatic Tools and Policies: <i>Objective – Gain an understanding of mechanisms that Mid-Atlantic states have used to advance Living Shoreline implementation; recognize barriers and identify solutions through real-world examples.</i> Moderator: Melanie Tymes, DE Dept of Natural Resources & Environmental Control <ul style="list-style-type: none"> • Melanie Tymes - Context and Review of Key Barriers for Living Shorelines • Dave Evans, EPA - Federal Perspective • Regulatory Programs: <ul style="list-style-type: none"> • Jonathan Stewart, MD Dept of the Environment • Kevin DuBois, City of Norfolk, VA • Non-Regulatory Programs – Group Exercise
11:30 am	Lunch & Networking: Clipper, Schooner or Cutter



12:30 pm	<p>The Business of Living Shorelines:</p> <p><i>Objective - Gain an understanding from the contractor/design sector on changes made in order to successfully incorporate Living Shoreline projects into their business</i></p> <p>Moderator: J.C Douglass, Clark Nexsen (VA)</p> <ul style="list-style-type: none"> • John Flood, Flood Brothers Marine Contractors (MD) • Gene Slear, Environmental Concern (MD) • Jim Cahoon, Bay Environmental, Inc (VA) <p>Group Discussion</p>
2:00 pm	<p>Break</p>
2:15 pm	<p>Coalescing the Community and Next Steps:</p> <p><i>Objective – Identify strategies to strengthen collaboration and continue information sharing related to Living Shorelines across the region following the Summit</i></p> <ul style="list-style-type: none"> • <i>What is our collective vision for this community? Should we be more than a collection of people who meet every 5 years or so to share information?</i> • <i>What are the highest priorities for research to advance Living Shorelines? Is there a role for the broader community to play in having a common voice to shape research investments?</i> • <i>How can we continue to share techniques, innovative new practices, and lessons learned during implementation of Living Shorelines initiatives?</i> • <i>How can we continue to support the community in the policy and regulatory arena?</i> • <i>What are the agreements and assignments from our discussion in the areas of research, implementation of best practices and policy and programs tools?</i> • <i>How do we stay connected and follow-up on the work we did here?</i>
3:45 pm	<p>Snack Break</p>
4:00 pm	<p>Wrap-up:</p> <ul style="list-style-type: none"> • <i>What are my personal take-aways and next steps?</i> • <i>What are the collective messages from our work the past two days?</i> • Closing Remarks: Buck Sutter, NOAA Office of Habitat Conservation, and Jeff Benoit, Restore America's Estuaries
4:30 pm	<p>Adjourn & Informal Networking</p>