

Delaware Living Shorelines Training Workshop

Wednesday, March 7, 2018

Agenda - Fundamentals, Example Projects, Permitting & Site Visit

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| | 8:30 | Registration, Coffee & Snacks | |
| Fundamentals | 9:00 – 9:15 | Welcome & Introductory Remarks | Alison Rogerson, DNREC |
| | 9:15 – 10:00 | Living Shoreline Fundamentals <i>What is a Living Shoreline & how do I get started?</i> | Alison Rogerson, DNREC |
| | 10:00- 10:15 | Fundamentals Q & A | Group Discussion |
| | 10:15-10:30 | Living Shoreline Information <i>Outreach & design resources available to you</i> | Brittany Haywood, DNREC |
| | 10:30 - 10:45 | Coffee & Networking Break | |
| Example Projects | 10:45 - 11:15 | Living Shoreline Project Examples <i>Example projects from around the Mid-Atlantic</i> | Alison Rogerson |
| | 11:15-11:45 | Projects at Varying Energy <i>Innovative approaches for wave attenuation</i> | Doug Janiec, Sovereign Consulting, Inc. |
| | 11:45-12:15 | Plant Perspectives <i>Live plants and seeding</i> | Bart Wilson, USFWS |
| | 12:15-1:00 | Lunch & Networking | |
| Permitting | 1:00 - 1:20 | Federal Permitting & Support <i>Can I Use a Nationwide Permit?</i> | Michael Yost, Dover ACOE |
| | 1:20 – 1:40 | State Permitting & Support <i>How do I get a Permit?</i> | Tyler Brown, DNREC |
| | 1:40-2:00 | Permitting Do's and Dont's <i>Common questions and mistakes</i> | Alison Rogerson |
| | 2:00-2:15 | Snack & Networking Break | |
| Site Visit | 2:15-2:30 | Site Visit: Introduction & Prep | Alison Rogerson |
| | 2:30 – 4:00 | Site visit at the Lewes Ball Field & Wrap-Up <i>Field Trip! – bring knee boots or hip waders</i> | Alison Rogerson, DNREC |

Delaware Living Shorelines Training Workshop

Thursday, March 8, 2018

Agenda – Site Evaluation, Concept Designs & Monitoring

Hands-On Field Work

Site Evaluation

Designing

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| 8:30 | <i>Registration, Coffee & Snacks</i> | |
| 9:00 | Welcome & Introductory Remarks | Alison Rogerson, DNREC |
| 9:05 – 9:30 | <u>Monitoring for Project Goals</u> | Andy Howard, DNREC |
| 9:30 – 10:30 | <u>Site Evaluation</u> & Hands-On Monitoring Exercise <i>Put your thinking caps on, get a little dirty and give it a try – bring hip waders (minimum knee boots, will get muddy)</i> | Alison Rogerson, DNREC |
| 10:30 – 11:00 | <u>Site Evaluation</u> <i>What needs to be considered?</i> | Jesse Hayden, DNREC |
| 11:00 - 11:15 | <i>Networking & Coffee Break</i> | |
| 11:15 – 12:00 | <u>Design Concepts</u> <i>Putting all the pieces together</i> | Josh Moody, PDE |
| 12:00 - 12:45 | <i>Lunch & Networking</i> | |
| 12:45 – 1:15 | <u>Other Considerations and Materials</u> | Alison Rogerson, DNREC |
| 1:15 – 2:15 | Group Project – Design A Mock Living Shoreline | Alison Rogerson, DNREC Doug Janiec, Sovereign |
| 2:15 – 3:00 | Demonstration of Design Tools | Alison Rogerson |
| 3:00 – 3:30 | <u>Troubleshooting</u> <i>Problems that may arise, and possible solutions</i> | Josh Moody, PDE |
| 3:30 – 3:45 | Workshop Summary & Final Group Discussion Q & A | Brittany Haywood, DNREC |
| 3:45 – 4:00 | <i>Workshop Evaluation Survey</i> | |