



Living Shoreline Certificate Course Essential Skills for Living Shorelines

Day 1: August 27, 2024
9:00am - 2:00pm

Zoom Link:

<https://us02web.zoom.us/j/84764562726?pwd=dE0pxubKhbkHPafgkMxdwmPcBpiiKZ.1>

Meeting ID: 847 6456 2726

Passcode: 904265

Day 1: Overview, Permits, Advisory Services, Evaluating the Site

| Time | Presentation/Activity | Presenter(s) |
|-------------|--|---|
| 9:00 | Welcome, Introductions, Homework Review <i>Describe today's activities, process</i> <i>Take questions about homework</i> | Beth Ginter |
| 9:20 | Business Opportunities & Collaboration Within a Community of Practice | Shereen Hughes |
| 9:40 | Small Group Breakouts – Introduction | |
| 9:55 | Problem Solving & Importance of Site Evaluation <i>Allow time at end for questions</i> | Kevin Smith |
| 10:25 | Living Shorelines BMPs to Meet Water Quality <i>Allow time at end for questions</i> | Wes Gould |
| 10:40 | Break (10 minutes) | |
| 10:50 | Navigating the Permitting Process at the Local, State, and Federal Level | Miles Simmons, Megan Spindler, Jennifer Esposito, Melanie Matthews, Mike Eisner |
| 11:55 | Regulatory Panel/Q&A | Miles Simmons, Megan Spindler, Melanie Matthews, Mike Eisner, Jennifer Esposito, Jennifer Carr Beth Ginter, moderator |
| 12:30 | Lunch Break | |
| 1:00 | Design, Construction, and Maintenance - Practical Considerations | Chris Becraft |
| 1:30 | Introduction to Living Shoreline Site | Wes Gould |
| 1:40 | Completing a Desktop Analysis <i>Allow time at end for questions</i> | Jason Swope, Beth Ginter |
| 2:00 | Wrap Up & Adjourn | Beth Ginter |

Day 2: August 28, 2024
9:30am - 4:00pm

Location: West River Center – Ehlers Memorial Hall
 5100 Chalk Point Rd
 West River, MD

Day 2: Field Assessments, Design, Construction

| <u>Time</u> | <u>Presentation/Activity</u> | <u>Presenter(s)</u> |
|-------------|--|--|
| 9:15 | Arrival and Check In | |
| 9:30 | West River Center Introduction Welcome, Plan of the Day | Claudia Donegan Beth Ginter |
| 9:40 | Short Inspiration Overview Talk | John Flood |
| 9:55 | Homework Review/Q&A | Beth Ginter & Jason Swope |
| 10:15 | Construction Feasibility | Lucas Lees |
| 10:45 | Introduction to Site Assessment Form | Stacie McGraw |
| 11:00 | Break & travel to field site (Deale, MD) | |
| 11:15 | Guided Site Assessment <i>Detailed station agenda attached.</i> | Lucas Lees, Chris Becraft, Al McCullough, Kevin Smith, Cindy Palinkas |
| 12:45 | Travel to WRC | |
| 1:00 | Lunch | |
| 1:30 | Advisory Panel Discussion/Q&A | Claudia Donegan, Kevin Smith, Al McCullough, Cindy Palinkas, Jennifer Esposito, Scott Hardaway, Stacie McGraw, moderator |
| 2:00 | Living Shoreline Design Options <i>May have time for Q&A at end</i> | Kevin Smith |
| 2:40 | Break | |
| 2:50 | Contractor Panel Discussion/Q&A | Chris Becraft, John Flood, Lucas Lees, Al McCullough, Mike Eisner, Jason Swope, moderator |
| 3:25 | Small Group Discussion & Report Out | Shereen Hughes introduces |
| 3:50 | Open Discussion/Q&A, Plan for Tomorrow | Beth Ginter |
| 4:00 | Adjourn (4:30- 6:00 PM - optional social, Stan & Joe's, Galesville) | |

Day 3: August 29, 2024
9:30am - 4:00pm

Location: West River Center– Ehlers Memorial Hall
 5100 Chalk Point Rd
 West River, MD

Day 3: Materials, Design, Maintenance, & Monitoring

| <u>Time</u> | <u>Presentation/Activity</u> | <u>Presenter(s)</u> |
|-------------|---|--|
| 9:15 | Arrival and Check in | Stacie McGraw & Katie Pinkham |
| 9:30 | Welcome, Plan for the Day | Beth Ginter |
| 9:40 | Practical Monitoring Protocols <i>Allow time at end for Q&A</i> | Nicole Carlozo |
| 10:10 | Transition outside; quick break | |
| 10:20 | Short orientation walk – discuss different shoreline types at WRC | Walk led by Wes Gould/Al McCullough/Chris Becraft |
| 10:40 | Materials & Survey Tool Demonstrations | Lucas Lees, Sam Eckert, Shereen Hughes |
| 11:30 | Mapping Demos: DNR coastal atlas, VIMS MDE Mapper | Nicole Carlozo, Michaela Harrington |
| 12:00 | Lunch & then meet back outside for stations | |
| 12:30 | Demonstration Stations <ul style="list-style-type: none"> ● Planting ● Surveying ● Maintenance Inspections | Wes Gould, Nicole Carlozo, Christine Burns, Al McCullough, Stacie McGraw, Melissa Dombrowski |
| 2:00 | Transition inside/restrooms/cleanup | |
| 2:20 | Best Practices for Permit Drawings <i>Allow time for discussion</i> | Michaela Harrington |
| 3:00 | Concept Drawing Activity <i>Participants complete individually in small group</i> <i>Basic plan view + cross sections</i> <i>Instructors roaming to provide feedback, answer questions</i> | Jason Swope, Wes Gould, Chris Becraft |
| 3:30 | Drawing/JPA Assignment | Beth Ginter |
| 3:50 | Open Discussion/Q&A | Beth Ginter |
| 4:00 | Wrap Up & Adjourn | Beth Ginter |

Day 4: September 13, 2024
9:00am - 12:00pm

Zoom Link:

<https://us02web.zoom.us/j/84964220368?pwd=zlcK7FfsaB3wlmzHvh6natnrK5WRGe.1>

Meeting ID: 849 6422 0368

Passcode: 147257

Day 4: Design & Permitting Review, Next Steps

| <u>Time</u> | <u>Presentation/Activity</u> | <u>Presenter(s)</u> |
|--------------------|--|--|
| 9:00 | Welcome, Plan of the Day | Beth Ginter |
| 9:05 | Shoreline Incentives in Maryland | Nicole Carlozo |
| 9:20 | Homework Review (instructor feedback on drawings, JPAs) <i>Breakout groups - 1 instructor w/ small group of students, review feedback on each set of drawings, groups predetermined</i> | Michaela Harrington, Megan Spindler, Lucas Lees, Nicole Carlozo, Donna Milligan, Al McCullough |
| 10:10 | Large Group Discussion <i>Instructors present feedback on one drawing each</i> <i>8 min per instructor</i> | Michaela Harrington, Megan Spindler, Lucas Lees, Nicole Carlozo, Donna Milligan, Al McCullough |
| 11:00 | Break | |
| 11:10 | Large Group Discussion <ul style="list-style-type: none"> ● JPA prep ● Permitting questions ● Design questions | Shereen Hughes |
| 11:35 | Field Practicum & Reporting | Stacie McGraw |
| 11:50 | Final Questions and Adjourn | Beth Ginter |