



January 23rd and 26th 9am – 4pm
Natural Shoreland Erosion Control Certification

Welcome

9am **Welcome and Overview of Day**

Presentations

9:10 Why Natural Shoreline Erosion Control Practices Matter: Aquatic Ecology of the Nearshore Environment

Kellie Merrell, VTDEC

Overview of Water Quality and Habitat

10:00 Shoreland Permitting and Regulations

Laura Dlugolecki, VTDEC & Amanda Sayles, U.S Army Corps of Engineers

Shoreland Protection Act, Encroachment, Wetlands, Stormwater, Wastewater Rules & USACE

10:45 BREAK

11:00 Bioengineering—Case Studies

Meg Carter, Conservation Science Director, Northwoods Stewardship Center

11:45 Benefits of Native Plants

Annie White, UVM Plant & Soil Science, Nectar Landscape Design

12:30 LUNCH

1:00 Shoreland BMPs

Alison Marchione, Shoreland Restoration Ecologist, VTDEC

1:30 Finding Support and Calculating BMP Benefits

Ben Copans, VTDEC

Formula Grant Site Access Agreements

Rachel Wood VTDEC, Jill Sarazen Lake Champlain Sea Grant

2:00 BREAK

2:15 Appropriate Products for Bioengineering and Stormwater Management

Eric Mootz, Trowel Trades Supply, Permeable Pavers

Mike Everhart, E. J. Prescott, Inc., Biodegradable Products

3:15 Design Review

4:00 Wrap Up