

Lake Seminar 2017 – Pathways to Healthy Lakes

Canadian Club - Barre, Vermont

Hosted by the Federation of Vermont Lakes and Ponds and the Vermont DEC Lakes and Ponds Program

AGENDA

8:30 **Registration**

9:00 **Welcome**

9:15 **Address** by Julie Moore, Secretary of the Vermont Agency of Natural Resources

9:30 **Keynote**

- Rebecca Lindenmyer, *Landscape for the Lake*

Learn how a fundamental shift in demographics, social consciousness and science is changing how nature is integrated into the design of our buildings and landscapes. Topics covered include: Nature Attention Restoration Theory, biophilic design (including common features such as green walls and creating views of complex nature), WELL certified Buildings, forest bathing, and biomimicry. Learn how nature integration will change how we view the spaces we live in, our relationship to the land that surrounds us, and our management practices.

10:15 Break

10:30 **Roads To Healthy Lakes**

This session on Vermont roads is divided between the new municipal road standards and slope stabilization methods for roads along lakes.

- Jim Ryan, from the Vermont Watershed Management Division and Coordinator of the Municipal Roads Program, will present on the development of the Road Stormwater Management Plan for Municipalities. Jim will explain what road standards are being required by all towns, as passed under Act 64 in 2016, to improve stormwater runoff from roads and help protect water quality. Jim will review the sequence of events, such as road inventories to road repairs, and the schedule towns must meet to be in compliance with the new law for road management in Vermont.
- Linda Blasch, VTRANS Better Roads Program Co-Coordinator, and Amy Picotte, Vermont Watershed Management Division's Shoreland Manager, will present on funding available for road projects as well as on specific examples of bioengineered stabilization projects funded for road repair and lake protection.

11:30 **Leahy Summit Opportunity**

12:00 **Lunch**

1:00 **Workshops** (two hour each)

- **Track 1**

- **Cyanobacteria Monitoring**

- The Lakes and Ponds Program is recruiting new volunteers to monitor for cyanobacteria in lakes around Vermont. This workshop will show you how to recognize cyanobacteria, why they are connected to concerns about human and animal illness, and give you the tools you need to report the presence (or absence) of cyanobacteria on your lake this summer.

- **AIS decontamination discussion and demonstration**

- Both in Vermont and across the country, high-pressure, hot-water decontamination equipment is becoming more prevalent in efforts to combat the spread of aquatic invasive species. While the overall concept of watercraft decontamination is simple, there are many specifics that must be considered for each individual decontamination. In this session, we will provide a watercraft

decontamination demonstration, as well as answer other questions concerning watercraft decontamination stations. We will also address the process of setting up and maintaining a watercraft decontamination station, and the logistical and financial realities that must be taken into account.

- **Track 2 (Outside) Field Trip to North Montpelier Pond**

- Join Lakes staff for a paddle on North Montpelier Pond (weather permitting) to view both native and invasive aquatic plants, learn tips to search for invasive species and hear about DEC's volunteer monitoring program for aquatic invasives, the Vermont Invasive Patroller program. VIPs are trained to identify and distinguish between native and invasive aquatic plants and animals, and to conduct surveys for aquatic invaders like Eurasian watermilfoil. Committed VIPs will be on hand to share their experiences participating in this volunteer monitoring program. Canoes will be available for a limited number of participants.

- **Track 3 Pathways to Vermont Lakes**

What does it mean to be "friendly" to a lake? In this workshop, we'll discover pathways from driveways and foot accesses to directing stormwater flow that use ecological approaches for protecting water quality and wildlife habitat. We will share design work that shows how to retrofit lake friendly practices on existing developed sites, leading the way to maintaining healthy lakes.

3:00p **Wrap-up**, feedback, and evaluations – for those at Site