

Lake Seminar 2019

From Issues to Actions: Practicing State of the Art Lake Management

Lake Morey Resort, Fairlee, Vermont

Friday, June 7th

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

AGENDA

- 8:30 **Registration (and light refreshments)**
- 9:00 **Welcome** by Don Weaver, FOVLAP President
- 9:05 **Overview of Day and Logistics** Laura Dlugolecki, DEC Lakes Program
- 9:15 **Bird-Friendly Shorelands** David Mears, Executive Director of the Vermont Audubon Society and Vice President of the National Audubon Society
- 10:00 **Break**
- 10:15 **Lake Management Celebrations** Amy Picotte, DEC Lakes Program
Recognition of 40 years of the Lay Monitoring Program and Celebrations of other Milestones
- 11:00 **Vermont Lake Scorecard Review** Angela Shambaugh, DEC Lakes Program
- 11:45 Peter Tobiessen will discuss his rationale for writing his book, *The Secret Life of a Lake*, answer reader's questions, and talk about strategies his lake association has taken to maintain the quality of its lakes. Discussions can continue through the lunch hour for anyone interested
- 12:00 **Lunch**

1:15 Seminar Session A

Track A1— Lake Score Card Actions: Shoreland Amy Picotte, Vermont DEC

This talk will highlight shoreland management and protection successes, including the installation of bioengineered shorelines, the use of native vegetation, and the restoration to natural shorelines. Some examples will highlight work in Vermont State Parks and on residential properties.

Track A2— Lake Score Card Actions: AIS Management Kim Jensen, Vermont DEC

This talk will highlight the importance of aquatic plants to the lake ecosystem and how the Department views aquatic plant management in terms of regulations. The talk will discuss the importance of the littoral zone and neighboring wetlands and look at examples of lakes that manage aquatic invasive species with a balanced approach that protects native plants and the littoral zone.

2:15 Break

2:30 Seminar Session B (1-hour session)

Track B1— Lake Score Card Actions: Nutrient Management through Lake Protection Plans Emily Porter-Goff, Franklin Watershed Committee

Some lakes are ready to act to reduce nutrient inputs from their watersheds by forming partnerships to identify the sources and causes of nutrient inputs and implement projects to reduce these inputs. In this seminar we will explore

how the Franklin Watershed Committee partnered with multiple stakeholders to identify and address watershed projects to address nutrient inputs into Lake Carmi.

Track B2—Lake Score Card Knowledge: Atmospheric Pollution Peter Tobiessen, Retired Professor, Aquatic Biologist and Author

This talk will provide a brief overview of four of the major atmospheric pollutants that affect our lakes: -carbon dioxide, acid rain, phosphorus, and mercury.

3:30p **Wrap-up**, evaluations, and door prizes.

3:45p **Adjourn**

4:00 – 5:00 **Lake Knowledge: PADDLE (weather dependent)**

Join DEC staff for an educational paddle on Lake Morey through the Public Awareness for Due Diligence in Lake Ecology education (**PADDLE**) program. DEC staff will lead a guided paddle and discuss aspects of limnology, lake ecology, lake succession, lake management, aquatic plant habitat, and more! If you bring your own canoe or kayak, please make sure it has been cleaned and dried. Some boats will be provided. To reserve a paddle and a place in a boat, contact Mark Mitchell (mark.mitchell@vermont.gov) or Kim Jensen (kim.jensen@vermont.gov).