

WORKSHOP

Climate Change Adaptation in New England Forested Watershed Management

NOVEMBER 7: PREPARING FOR CLIMATE CHANGE IN FORESTED WATERSHEDS

As our climate shifts, stewards of New England and New York watershed forests are beginning to focus their experience and creativity on ways to successfully respond to those changes. This workshop is designed to help participants:

- Learn more about current and anticipated effects of climate change on forested watersheds in the Northeast.

Presentations** will cover technical information regarding the interaction of **changing water budgets in forested watersheds, effects of altered precipitation forest soils, best management practices in a changing climate, silviculture in an era of change – and more!

- Explore case studies from ongoing climate adaptation efforts featuring water supply examples from New England.
- Share tools and approaches for incorporating climate change into forest watershed management.
- Discuss goals and strategies for creating forested watersheds that are better able to adapt. Provide a forum to interact with a growing network regarding New England and NY forest climate adaptation.

NOVEMBER 8: FIELD TOURS (*half day*)

A day in the woods guided by local forest managers from Massachusetts. Field tours and activities will highlight site-level factors that influence climate change vulnerability, and showcase on-going climate adaptation efforts. One tour is on the *Wachusett Reservoir*, additional information is TBA.



SAVE THE DATE

DETAILS

November 7-8, 2019

Westborough, MA

Division of Fish and Wildlife Headquarters

INTERESTED?

RSVP at tinyurl.com/2019-ne-workshop

- ✓ *No fee for attendance*
- ✓ *9:30am – 4pm on Nov. 7*
- ✓ *Attendance is capped at 75*
- ✓ *CFE credits are being requested*
- ✓ *Lunch and light refreshments provided*

Additional info available at:

forestadaptation.org/2019-ne-workshop

Questions can be directed to

[Danielle Shannon](mailto:dshannon@mtu.edu) dshannon@mtu.edu
Northern Institute of Applied Climate Science

This workshop is organized by the Northern Institute of Applied Climate Science, USDA Northern Forests Climate Hub, US Forest Service, MA DCR, Sweet Birch Consulting, Manchester Water Works and the New England Watershed Managers (NEWMAN) Collaborative.

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Workshop: Climate Change Adaptation in New England Forested Watershed Management

Save the date – Draft AGENDA

NOVEMBER 7: PREPARING FOR CLIMATE CHANGE IN FORESTED WATERSHEDS

9:00 *Registration & Coffee*

9:30 *Welcome*

9:45 *Seeing the Forests for the Streams.* Scott Bailey, US Forest Service.

10:15 *Forest management is key to sustaining drinking water supplies, and how management must include climate change to sustain future supplies.* Paul Barten, University of MA-Amherst.

10:45 *Break*

11:00 *Forest water supply perspective on producing clean water in an era of change.* John O'Neil, Manchester Water Works.

11:30 *Climate Change effects to forests and forest soils.* Pamela Templer, Boston University.

12:00 *Lunch (provided)*

1:00 *Using Best Management Practices to protect water supplies and to prepare for climate impacts.* Karl Honkonen, US Forest Service.

1:45 *Silviculture through the lens of forest adaptation.* Tony D'Amato, Univ. of Vermont.

2:15 *Break*

2:30 *Adapting forests and forest management practices to climate change in New England.* Maria Janowiak, NIACS US Forest Services; Danielle Shannon, NIACS Michigan Technological University.

2:50 *Real-world case studies of climate adaptation in forested watersheds.* Featuring Christopher Riley, Sweet Birch Consulting; Brian Keevan, MA DCR; and others.

3:30 *Closing*

NOVEMBER 8: CLIMATE CHANGE IMPACTS IN THE FIELD: GUIDED TOURS

8:30 *Registration & Coffee*

9:00 *Welcome & Introduction*

9:30 *Carpool and travel to field location*

10:00 *Field Tour 1: Wachusett Reservoir and field activity*

- *Hosted by MA DCR Forestry*

12:00 *Lunch (provided)*

1:00 *Field Tour 2: TBA location*

2:00 *Adjourn*

This is a tentative agenda and is subject to change.

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- ✓ *Attendance is capped at 75**
- ✓ *No fee for attendance*
- ✓ *Lunch and light refreshments provided*

Meeting location:

Division of Fish and Wildlife Headquarters
1 Rabbit Hill Road, Westborough, MA 01581

Questions can be directed to:

[Danielle Shannon](mailto:dshannon@mtu.edu) dshannon@mtu.edu
Northern Institute of Applied Climate Science

**Note: Workshop participation is capped at 75. We will post presentations to the website after the workshop for those who are unable to attend.*