



Agenda & Logistics

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September 23-24, 2014
UMass-Amherst

Climate Change and Southern New England Forests: Forest Adaptation Planning and Practices

Thank you for your interest in the climate change events that are being held September 23-24, 2014!

You are registered for both days of the workshop, and this packet contains information to help you prepare and get the most out of the event. Please contact Maria Janowiak at mjanowiak02@fs.fed.us or (906)482-6303x29 with any questions.

Logistics

Location

This workshop is being held at the University of Massachusetts-Amherst Student Union in Amherst, MA.

- **Lodging:** A block of rooms has been reserved at the adjacent Hotel UMass for the nights of Sept. 22 and 23. Rooms can be reserved at the rate of \$135 by **August 30th** using the group code FAPPTC. Call hotel for government rate. (877)822-2110 www.umasshotel.com
- **Parking:** Parking is available in the garage near the Student Union at \$1.50/hour or \$5/day. [View map](#). A parking pass for one vehicle is included with lodging at Hotel UMass. Day passes will be available at registration.

Registration

You are already registered for the events on September 23-24. There is no registration fee, but you are responsible for your food and travel expenses. Several [dining options](#) are within walking distance of the meeting space.

Outcomes

This is an active, hands-on training, to assist natural resource professionals in incorporating climate change considerations and identifying actions for adaptation into their own real-world forest management projects. Through this training, participants will be able to:

- Describe regional and local effects of climate change on forest ecosystems
- Understand adaptation concepts and principles in the context of sustainable forest management
- Use *Forest Adaptation Resources* in real-world management projects to:
 - ✧ Identify challenges and opportunities for meeting management goals
 - ✧ Develop actionable steps to adapt forests to changing conditions
 - ✧ Create their own climate-informed natural resource management or conservation project

Pre-Work

We ask that participants develop a project idea and gain familiarity with key resources prior to the training, which helps make the best use of time at the in-person training. Prior to the training, we will contact participants to discuss the goals and organization of the training and answer any lingering questions. We will also work with participants to identify a project that will be used during the training.

Checklist

We ask that people participating in the training on both September 23 and 24 do the following prior to the training:

- ☐ Set up a phone call with Maria Janowiak (mjanowiak02@fs.fed.us or 906-482-6303x29) no later than September 12 to discuss the forest management or conservation project that you have in mind, review the goals and expectations for the course, ask questions, and lay out steps to get ready for the training.
- ☐ Assemble relevant materials and information your project (maps, inventory information, fact sheets, management plans, easement documents, etc.) for use during the pre-work and in-person training.
- ☐ Download the [Forest Adaptation Resources](#) or request hard copy. Read the **Introduction** (pgs. 1-7) and scan the **Adaptation Workbook** (Chapter 3, pgs. 35-56).
- ☐ Complete Step #1 of the Adaptation Workbook. Electronic copies are available in Microsoft [Excel](#) and [Word](#) formats.
- ☐ Begin to think about:
 - ✧ What potential climate change impacts are most likely to affect the project area?
 - ✧ What characteristics of the project area make it more or less vulnerable to climate change?

To the extent that your time and interest allow (i.e., this is entirely optional), you may also want to:

- ☐ Review the [Adaptation Strategies and Approaches](#) of [Forest Adaptation Resources](#) (Chapter 2, pgs. 15-34) and review the [one-page list](#) of the strategies and approaches.
- ☐ Read the report [Changing climate, changing forests: The impacts of climate change on forests of the northeastern United States and eastern Canada](#).
- ☐ Explore [Adaptation Demonstrations](#) that have been developed through the Climate Change Response Framework. This diverse set of demos have all used the Adaptation Workbook to integrate climate change information into management and conservation projects and provide real-world examples of forest adaptation activities.

Preliminary Agenda

September 23: Climate Change and Southern New England Forests

Natural resource managers face the tremendous challenge of developing and implementing management actions that help ecosystems respond to climate change. This session will:

- Provide information on the current and anticipated effects of climate change on Vermont and its forests
- Describe resources and tools that can be used to integrate climate change into management
- Outline adaptation concepts and strategies in the context of sustainable forest management
- Identify actions that enhance the ability of forests and other ecosystems to adapt to changing conditions
- Real-world examples of adaptation projects will be featured, and participants will engage in a variety of interactive activities to identify climate change issues and potential adaptation actions.

Location: Student Union Ballroom, UMass-Amherst Campus

- 8:30 **Registration & Coffee**
- 9:00 **Welcome & Introduction**
Maria Janowiak, Northern Institute of Applied Climate Science
- 9:20 **Southern New England's Changing Climate**
Ray Bradley, University of Massachusetts-Amherst
- 10:00 **Break**
- 10:20 **Climate Change Effects on Forest Ecosystems**
Maria Janowiak, Northern Institute of Applied Climate Science
- 11:20 **Climate Change Effects on Wildlife**
David King, US Forest Service Northern Research Station
- 12:00 **Lunch (on your own)**
- 1:00 **Adapting Forests to Climate Change: Approaches for Action**
Patricia Butler, Northern Institute of Applied Climate Science
- 1:25 **Real-world Examples of Forest Adaptation**
Tony D'Amato, University of Minnesota (sabbatical: Harvard Forest)
- 2:00 **Break**
- 2:15 **Activity: Integrating Climate Change into Your Work**
- 4:00 **Adjourn**

This agenda has been approved for 5.0 category 1 Continuing Forestry Education credits by the Society of American Foresters and 2.0 Connecticut Forest Practices Act Continuing Education Units.

September 24: Forest Adaptation Planning & Practices

This active, hands-on training is being held for a limited number of participants. Natural resource managers will incorporate climate change considerations and identify actions for adaptation into their own real-world forest management projects. Staff from the Northern Institute of Applied Climate Science will facilitate the training and provide post-training follow-up and assistance.

Location: Student Union Meeting Room (room to be announced September 23), UMass-Amherst Campus

- 8:00 **Registration & Coffee**
- 8:30 **Introduction**
Introduce participants and instructors.
Outline objectives and agenda for training.
- 9:00 **Climate Change Impacts on Forest Management Projects**
Describe forest management projects, including climate change impacts identified during the pre-work.
Identify additional climate change impacts relevant to the project locations.
Complete Adaptation Workbook Step #2.
- 10:00 **Break**
- 10:15 **Challenges/Opportunities for Meeting Management Objectives – Presentation/Breakouts/Discussion**
Identify challenges and opportunities relevant to the project management objectives.
Evaluate whether it is feasible to achieve management objectives.
- 11:30 **Identifying Forest Adaptation Approaches and Tactics – Presentation/Breakouts**
Select potential adaptation actions from the menu of Adaptation Strategies and Approaches.
Evaluate potential adaptation tactics as part of Adaptation Workbook Step #4.
- 12:00 **Lunch**
- 1:00 **Identifying Forest Adaptation Approaches and Tactics – Breakouts/Discussion**
Select potential adaptation actions from the menu of Adaptation Strategies and Approaches.
Evaluate potential adaptation tactics as part of Adaptation Workbook Step #4.
- 3:00 **Break**
- 3:15 **Identifying Metrics for Monitoring and Evaluating Effectiveness – Presentation/Breakouts/Discussion**
Identify metrics to use to evaluate the effectiveness of adaptation actions as part of Adaptation Workbook Step #5
Complete Adaptation Workbook Step #5
- 4:00 **Next Steps & Wrap-up**
- 4:30 **Adjourn**

This agenda has been approved for 7.0 category 1 Continuing Forestry Education credits by the Society of American Foresters and 2.0 Connecticut Forest Practices Act Continuing Education Units.