

Adaptation Planning and Practices for Kentucky Forests

July 12 (Virtual): Preparing for Climate Change

Natural resource managers and landowners 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 Kentucky and its forests
- Describe resources and tools that can be used to integrate adaptation and mitigation into management
- Outline adaptation and carbon management strategies in the context of sustainable forest management
- Identify actions that enhance the ability of forests and other ecosystems to adapt to changing conditions
- Highlight real-world examples of adaptation projects and engage in a variety of interactive activities to identify climate change issues and potential adaptation actions.

Audience

Foresters, Landowners, Natural Resource Professionals and Educators, County Agents

Interested?
[RSVP HERE](#)

Additional info available at:

www.forestadaptation.org/KY-APP

Questions and requests for updates can be directed to [Jacob Muller](#)



July 20 or 21 (In-person): Adaptation Planning & Practices

This active, hands-on training will be held on two dates 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. Contact [Jacob Muller](#) to request additional information or inquire about attendance.



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Forestry and Natural Resources
College of Agriculture, Food and Environment

Adaptive Silviculture for Climate Change

This workshop is being organized by USDA Climate Hubs, Forest Service, Northern Institute of Applied Climate Science, the University of Kentucky, and the Adaptive Silviculture for Climate Change project.

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ON ZOOM – AGENDA

JULY 12: PREPARING FOR CLIMATE CHANGE VIRTUAL EVENT (Eastern Time)

- 9:00am Welcome & Introduction, Dr. Jacob Muller and Patricia Leopold
- 9:25am **Kentucky's Changing Climate: an overview from the State Climatologist**, Megan Schargorodski
- 10:00am **Climate Change Effects on Tree Species: an Overview of the Climate Change Tree Atlas**, Dr. Steve Matthews
- 10:35am Break
- 10:40am **Climate Change Effects on Forest Ecosystems**, Patricia Leopold
- 11:15am **Climate Change Effects on Forest Hydrology**, Dr. Asia Dowtin
- 11:50am **Climate Change & Forest Carbon Management**, Dr. Todd Ontl
- 12:25pm Break/Lunch
- 1:00pm **Adapting Forests to Climate Change: Approaches for Action**, Dr. Jacob Muller
- 1:35pm **Real-world examples of Forest Adaptation: examples from the Adaptive Silviculture for Climate Change Network**, Courtney Peterson
- 2:10pm Interactive Activity: **Integrating Climate Change into Your Land Management**
- 2:45pm Closing Remarks, Dr. Jacob Muller
- 3:00pm Adjourn

RSVP at

tinyurl.com/KY-APP-Registration

- There is no registration fee thanks to support from the USDA Forest Service and Northern Forests Climate Hub.
- Continuing Forestry Education credits have been requested from the Society of American Foresters

Questions can be directed to:

Jacob Muller at jacob.muller@uky.edu with the University of Kentucky, Department of Forestry

**Note: Presentations will be made available after the workshop for those who are unable to attend.*



Forestadaptation.org/KY-APP

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IN-PERSON – AGENDA

JULY 20/21: FOREST ADAPTATION PLANNING AND PRACTICES WORKSHOP

JULY 20 - Wood Utilization Center in Quicksand
OR

JULY 21 - Pennyrile Forest State Park Training Center in Hopkins, County

8:00am	Registration & Coffee
8:15am	Workbook Step 1 – Introduction to projects
9:00am	Workbook Step 2 – Climate Change Impacts on Forest Management Projects
9:45am	Break
10:00am	Workbook Step 3 – Management Challenges and Opportunities
11:00am	Workbook Step 4 – Identifying Forest Adaptation Approaches and Tactics
12:00pm	Lunch (Provided)
1:00pm	Workbook Step 4 – (continued...)
2:00pm	Workbook Step 5 – Identifying Metrics for Monitoring and Evaluating Effectiveness
2:45pm	Next steps and Wrap up
3:00pm	Adjourn

MORE INFORMATION

Find more information on the Adaptation Workbook structured decision-making process described in the Forest Adaptation resources and Adaptation Workbook at: forestadaptation.org/far

BACKGROUND FOR WORKSHOP

Participants in the working workshop will use the Adaptation Workbook, created by the Northern Institute of Applied Climate Science to consider the impacts of climate change on ‘real-world’ forest management and conservation stewardship plans. The workbook creates a practical framework for managers to design custom-built management actions to help reduce risks and increase the success of their management goals.

The Adaptation Workbook enables natural resource professionals to consider the potential effects of climate change on forests and to then design actions that can help reduce risk and increase the ability to cope with changing conditions. It provides a flexible process that accommodates a wide variety of geographic locations, scales, ecosystems, land uses, management goals, and ownership types.

Workshop participants are strongly encouraged to join the webinar on July 12. This webinar will provide information on climate change impacts on KY forest ecosystems and will inform the adaptation workbook process.

REGISTER FOR BOTH DAYS HERE

WHO HAS USED THIS PROCESS?

Over 500 real-world projects have used the Adaptation Workbook in climate-informed project planning and implementation, and over 200 are featured at forestadaptation.org/demos.



ADDITIONAL PARTNERS



American Tree Farm System
We grow stewardship from the roots.

Forestadaptation.org/KY-APP