

Climate-Informed Forest Management: Forum and Field Day

May 7-8, 2014 – Grand Rapids, MN

Purpose and Outcomes: The purpose of this forum and field day is to share information on how forest managers in Minnesota can consider climate change in real-world forest management applications. The half-day indoor session will provide information on climate change in Minnesota, potential impacts to forests, and how forest managers might adapt to future conditions. The full-day field tour will include planned and on-going projects that illustrate different ways foresters might address changing conditions through management decisions.

May 7, 2014 Agenda – Climate-Informed Forest Management Forum

Timberlake Lodge

- 1:00 **Introduction and welcome**
Dave Zumeta, Minnesota Forest Resources Council and Linda Nagel, UMN Cloquet Forestry Center
- Introductions, context for the meeting, goals, agenda
- 1:15 **Climate change and Minnesota forests**
Chris Swanston, USFS Northern Research Station and Northern Institute of Applied Climate Science
- Climate is one of the major drivers that shapes Minnesota's forests
 - Key climate change concepts: observed evidence, uncertainty in projections, etc.
 - General challenges and opportunities for forest management
 - Specific conclusions from Minnesota climate change vulnerability assessment
- 2:15 **Adaptive management for climate change in Minnesota forests**
Linda Nagel, UMN Cloquet Forestry Center
- Forest managers can respond to future uncertainty
 - Climate adaptation can fit into the silvicultural process
 - Adapting to climate change will be a customized experience for every landowner and place
- 3:00 **BREAK**
- 3:15 **Incorporating adaptation (resiliency) strategies into DNR silvicultural guidelines**
Keith Wendt and Paul Dubuque, Minnesota DNR
- Ecological Classification System (ECS) tools and information to help set landscape forest composition goals and make effective site-level management decisions in the face of change
- 4:00 **Real-world examples of adaptation from Minnesota**
Stephen Handler, USFS Northern Research Station and Northern Institute of Applied Climate Science
- Highlights of several on-going adaptation demonstration projects from Minnesota
 - National Forest, Private Industrial, Non-Industrial Private Landowners, The Nature Conservancy
 - Consider how this approach might work for you
- 4:45 **Re-cap and adjourn**
Dave Zumeta and Linda Nagel
- Look ahead to tomorrow
 - Review logistics

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