

Adaptive Silviculture for Climate Change (ASCC) Workshop

Great Lakes St. Lawrence Forest

Best Western Pembroke Inn & Conference Center
1 International Drive, Pembroke, Ontario

July 16, 2019

Scientists and outreach specialists from the Petawawa Research Forest, Canadian Wood Fibre Centre – Natural Resources Canada, Colorado State University, and the Northern Institute of Applied Climate Science present a one-day workshop to provide information and seek input on the topic of incorporating climate change into natural resource management.

Workshop Goals:

- An introduction to conceptual tools and resources designed to help integrate climate change considerations into natural resource management planning and decision-making;
- Discussion of regional climate change projections, impacts, and ecosystem vulnerabilities;
- Opportunity to apply concepts from the workshop in a scenario-based breakout activity; and
- Overview of a long-term North American climate change adaptation network that will have an installation at the Petawawa Research Forest.

Agenda:

- 8:00 **Introductions & Workshop Overview**
- 8:30 **Climate Science Overview** (John Pedlar, *Canadian Forest Service*)
- 9:00 **Climate Change Considerations for Silvicultural Decision-Making** (Linda Nagel, *Colorado State University*)
- 10:00 Break
- 10:30 **Ecology & Silviculture of the Great-Lakes St. Lawrence Forest** (Trevor Jones, *Canadian Forest Service*, and Peter Arbour, *Petawawa Research Forest*)
- 11:00 **Climate change impacts and vulnerabilities for the Great-Lakes St. Lawrence Forest** (Samuel Royer-Tardif, *Canadian Forest Service*)
- 11:30 **Climate change in the Canadian Forest Service** (Jason Edwards, *Canadian Forest Service*)
- 12:00 Lunch
- 1:00 **Overview of the Vulnerability Assessment for Climate Change (VACC) at the Petawawa Research Forest** (Michael Hoepfing, *Canadian Forest Service*, & Jeff Fera, *Canadian Forest Service*)
- 1:30 **Overview of Climate Change Adaptation and Mitigation Strategies** (Linda Nagel, *Colorado State University*)
- 2:15 **Breakout Exercise: Developing Climate Change Adaptation Approaches & Tactics** (Linda Nagel, *Colorado State University*, Courtney Peterson, *Colorado State University*, & Maria Janowiak, *Northern Institute of Applied Climate Science*)
- 4:00 **Group Report-Outs on Approaches and Tactics**
- 4:45 **Wrap-up & Evaluations**
- 5:00 **Adjourn**

