

Sub-Boreal Spruce Climate Change Adaptation Workshop

Wednesday, June 2, 2021; 9:00 – 3:30 Pacific Time

Zoom: <https://zoom.us/j/98727862899?pwd=clpONHZiZW02aENGU25CdjBQYTdTdz09>

Meeting ID: 987 2786 2899; Passcode: 473184

Workshop Goals:

There is an increasing need to consider the anticipated effects of climate change on ecosystems and identify management actions that respond to these changes. This workshop is part of the [Adaptive Silviculture for Climate Change \(ASCC\) project](#), a collaborative effort between managers and scientists working to establish a series of experimental silvicultural trials across a network of diverse forest ecosystem types throughout North America. Specific goals of this workshop are to:

- Provide hands-on training in considering climate change information and identifying adaptation actions for natural resources management professionals, First Nations, and community partners working in sub-boreal spruce forest ecosystems;
- Engage natural resource managers, First Nations, and community partners in conceptual tools and approaches that help integrate climate change into on-the-ground planning and decision-making processes for managing sub-boreal spruce forest ecosystems.

June 2, 2021 Agenda: *(All times listed are Pacific Time)*

9:00 Introductions and Climate Adaptation Workshop Overview

Introduction & Welcome – Kathy Lewis (Acting Vice-President, Research UNBC)

Workshop Background & Purpose – Ché Elkin (University of Northern British Columbia), Sue Grainger (John Prince Research Forest), & Kristen Waring (Northern Arizona University)

Land Acknowledgement – Sue Grainger (John Prince Research Forest)

9:15 Overview of Federal/Provincial Climate Adaptation Initiatives – Jason Edwards (Canadian Forest Service) & Pamela Dykstra (BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development)

9:30 Overview of Ecology & Forest Management of Sub-Boreal Spruce Forests – Ché Elkin (University of Northern British Columbia)

9:50 Break

10:00 Climate Change in the Fort St. James Area – Vanessa Foord (BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development)

10:20 Ecosystem Vulnerabilities of Sub-Boreal Spruce Forests to Climate Change – Elizabeth Campbell (Natural Resources Canada) & Colin Mahony (BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development)

10:40 Potential Changes to Ecosystem Services Under Climate Change – Alicia Azpeleta Tarancon (Southwest Climate Adaptation Science Center/Northern Arizona University)

11:00 Climate Change Considerations for Silvicultural Decision-Making – Linda Nagel & Courtney Peterson (Colorado State University)

11:45 Lunch on your own

12:45 Overview of Adaptation and Mitigation – Linda Nagel & Courtney Peterson (Colorado State University)

1:05 Breakout Exercise: Developing Adaptation Approaches & Tactics

1:50 Break

2:00 Tell Your Adaptation Story – Each small group reports back to the larger group on breakout exercise discussions

3:00 Discussion & Next Steps

3:30 Adjourn