

*Our Future Forests
Exploring the Effects of Climate on Ecosystems
and Human Systems*

This year's fall field tour explores silviculture and forestry practices in Dry Interior Douglas Fir Forest Ecosystems where the role of climate in governing the ecosystem has become much more apparent.

The future of our forest landscapes and their goods and services depends on our ability to understand and plan for climate change. To maintain our wealth of resource values including future timber harvest we need adaptive management strategies.

In young stands where wildfire has previously altered the site we need to discover effective silviculture interventions - new regeneration and stand tending practices for the new site conditions. And we need to rethink harvesting systems to discover ones that mitigate rather than exacerbate climate change effects. We especially need to learn more about ecosystem recovery after wildfire.

We also must address the immediate need to plan for extreme events so we can protect both our communities and our resource values from natural disasters such as wildfire and floods. Our 2022 fall field tour will explore these challenges. The program topics include:

- post wildfire ecosystem recovery: lessons learned and planning for the future;
- silviculture trials and research in dry ecosystems: post-fire silviculture and innovative silviculture practices that go beyond timber and fibre production to address broader ecological objectives;
- collaborative disaster planning: forestry operations coordinate with municipalities to develop strategies to protect communities and resources from wildfire

Come join your colleagues to exchange information and ideas, experiences and opinions about forestry in the southern interior.

REGISTRATION EVENING**Monday October 3**

Coast Kamloops Hotel

5:00 pm – 7:00 pm

2022 SISCO FALL FIELD TOUR

DAY ONE

Elephant Hill, Tunkwa Lake and Surrey Lake

Tuesday October 4

- 7:30 Assemble in Kamloops Coast Hotel Parking Lot
- 7:45 Depart for STOP 1
- 9:10 Arrive at STOP 1: Elephant Hill Marshal Point
Participants divide into **3** groups and circulate through 3 stations; 5 mins *walking* time between stations;
25 mins *presentation* time per station. **Speakers do their presentation three times.**

STOP 1: 2017 Elephant Hill Fire - Post Wildfire Recovery

9:15 to 10:45 (Station Change Times: 9:40, 10:10, 10:40)

Sta 1: Ministry of Forests Perspectives on Wildfire Recovery Strategy: What Was Done, What Did We Learn, and What Did We Do Better in 2021 ?

Spkr: Marina Irwin, Resource Manager, Natural Resource Operations, Thompson Rivers FOR

Sta 2: What is the Bigger Plan for Landscape Recovery in Areas Where Major Disturbance Events are Now a Component of Our Ecosystems ? How Does Our Current Planning Recognize and Plan for This ?

Spkr: Neil Hughes, Forest Establishment Lead, Forest Practices Branch, FOR

Sta 3: Post-Event Assessment of Regeneration Success

Spkrs: Chris Durnin, Silviculture Specialist, Forsite Consultants
Colin Hegan, Silviculture Specialist, Forsite Consultants

10:45 REFRESHMENT BREAK at Marshal Point

Participants take their refreshments with them, divide into **2** groups and circulate through 2 stations;
5 mins *walking* time between stations; 25 mins *presentation* time per station. **Speakers do presentation twice.**

11:00 to 12:00 (Station Change Times: 11:25, 11:55)

Sta 4: Indigenous Perspectives on Wildfire Recovery Strategy

Spkr: Mike Anderson, CEO, Skeetchestn Indian band (? Stk'emlups te Secwepemc)

Sta 5: Old Growth Management in the Thompson Rivers Forest District

Spkrs: Sue Omelchuk, Stewardship Land and Resources Specialist, Thompson Okanagan Region, FOR
Ron Van der Zwan, Stewardship Land and Resources Officer, Thompson Rivers District, FOR

12:00 Depart for LUNCH STOP

12:30 Arrive at LUNCH STOP: Juniper Beach Provincial Park

1:10 Depart for STOP 2

2022 SISCO FALL FIELD TOUR

DAY ONE continued

1:55 Arrive at STOP 2: Tunkwa Lake Stop Marshal Point

Participants divide into **2** groups and circulate through 2 stations; 5 mins *walking* time between stations; 35 mins *presentation* time per station. **Speakers do their presentation twice.**

STOP 2 Tunkwa Lake: Considering the Role of Fire in Dry Forest Ecosystems

2:00 to 3:20 (Station Change Times: 2:35, 3:15)

Sta 1: Landscape-level Fuel Management/Wildfire Risk Reduction

Spkr: Kelly Osbourne, Fire and Fuel Management Officer, BC Wildfire Service, FOR

Sta 2: Ecosystem and Landscape Benefits of Range Activities and Practices / Grassland Ecosystem Considerations

Spkrs: Bob Haywood-Farmer, Rancher, Grazing Licensee South of Savona
Dennis Lloyd, Research Ecologist, Grassland Conservation Council

3:20 Depart for STOP 3

4:00 Arrive at STOP 3 Surrey Lake Marshal Point

REFRESHMENT BREAK

Participants take their refreshments with them, divide into **2** groups and circulate through 2 stations; 5 mins *walking* time between stations; 25 mins *presentation* time per station. **Speakers do presentation twice.**

STOP 3 Surrey Lake: Silviculture in Dry Interior Douglas Fir Ecosystems

4:15 to 5:15 (Station Change Times: 4:40, 5:10)

Sta 1: New Stocking Standards for Dry Fir Management and best management handbook

Spkr: Kari Doyle, Acting Team Lead Silviculture and Stewardship, Thompson Okanagan Region, FOR

Sta 2: Innovative Methods of Site Prep on Dry Ground Site Prep, planting, direct seeding, harvest methods

Spkrs: Todd Schmidt, Silviculture Superintendent, West Fraser Timber Company

5:15 Depart for Kamloops

6:00 Arrive Kamloops

6:30 No Host Bar

7:15 Banquet

8:00 **After Dinner Talk: Fifty-Million-Year-Old BC Fossil Forests: The Dawn of the Modern World**

Dr. S. Bruce Archibald, Paleontologist

Fellow, Royal Canadian Geographical Society

Curator, Beaty Biodiversity Museum, UBC, Vancouver

Research Associate, Royal BC Museum Victoria & Museum of Comparative Zoology Harvard Massachusetts

2022 SISCO FALL FIELD TOUR

DAY TWO

Logan Lake and Frogmoore Lake

Wednesday October 5

7:30 Assemble in Kamloops Coast Hotel Parking Lot

7:45 Depart for STOP 4

8:25 Arrive at STOP 4: Logan Lake Marshal Point

Participants divide into **4** groups and circulate through the 4 stations; 5 mins *walking* time between stations; 25 mins *presentation* time per station. **Speakers do their presentation 4 times.**

STOP 4: Logan Lake Community Protection Plan

8:30 to 10:45 (**Station Change Times: 8:55, 9:25 - TO REFRESHMENT BREAK, 9:40, 10:10, 10:40**)

Sta 1: Wildfire Risk Reduction Plan and Treatments

Spkr: Garnet Mierau, Senior Planning Forester, Forsite Consultants

Sta 2: Wildfire Salvage Harvest: Retaining Structure in Blocks; Harvest Experiences; Access control; Reforestation Issues; Management of Areas NOT Salvage Harvested, Etc!

Spkr: Lindsay Hill, Development Forester, Forsite Consultants

9:30 REFRESHMENT BREAK at Marshal Point

Participants remain in their **4** groups, take their refreshments with them and circulate through the remaining 2 stations they have not yet visited; 5 mins *walking* time between stations; 25 mins *presentation* time per station.

Sta 3: Logan Lake's Multidisciplinary Community Protection Plan: the Role of the Community Forest, Social License, and Relationships with Indigenous Peoples and Other Stakeholders

Spkr: Mayor Robin Smith

Sta 4: Tactical Operations; Response to Major Incidents; FireSmart and Youth FireSmart Crew; Etc!

Spkr: Fire Chief Doug Wilson

10:45 Depart for LUNCH STOP

10:55 Arrive at LUNCH STOP Logan Lake Municipal Park and Rec Area

11:45 Depart for STOP 5

2022 SISCO FALL FIELD TOUR

DAY TWO continued

12:50 Arrive at STOP 5: Frogmoore Lakes Marshal Point
Participants stay in 1 group for introduction

STOP 5: Frogmoore Lakes: Are We Growing Lodgepole Pine Consistent with Natural Process and Existing Knowledge and Can We Do Better?

Introduction to the Site History and Ecology and Objectives for the Tour

Spkr: Jeff McWilliams, B.A. Blackwell & Associates

1:00 Participants divide into 2 groups and circulate through first 2 stations; 15 mins *walking* time between stations; 30mins *presentation* time per station. **Speakers do their presentation twice.**

1:15 to 2:45 (Station Change Time: 1:45, 2:30 – TO REFRESHMENT BREAK)

Stations 1 and 2 are in 50 year old naturally regenerated stands after fire

Sta 1: Silvics, Forest Health and Natural Regen of PI After Fire / Opportunities For Management: Fertilization and Commercial Thinning

Spkrs: Jeff McWilliams, B.A. Blackwell & Associates

Lee-ann Puhallo, Intensive Silviculture Specialist, Harvesting and Silviculture Practices, FOR

Sta 2: Timber Assessment Principles and Review of Stand Attributes and Values and Economic Opportunities

Spkr: Jim Thrower, President, Westwood Fibre Resources

2:45 REFRESHMENT BREAK at Marshal Point

Participants take their refreshments with them, divide into 2 groups and circulate through 2 stations;

15 mins *walking* time between stations; 25 mins *presentation* time per station. **Speakers do presentations twice.**

3:00 to 4:30 (Station Change Time: 3:30, 4:15)

Stations 3 and 4 are in 30 year old managed PI stand

Sta 3: Timber Assessment Principles and Review of Stand Attributes and Values and Economic Opportunities

Spkrs: Wes Bieber, Longfellows Natural Resources Management Solutions

Jim Thrower, President, Westwood Fibre Resources

Sta 4: Management for other values including range

Spkrs: Rob Dinwoodie, Agrologist (Retired), Okanagan Shuswap District FOR

Jeff McWilliams, B.A. Blackwell & Associates

4:30 Depart for Kamloops

5:30 Arrive in Kamloops