



2024 SISCO Winter Workshop

SOUTHERN INTERIOR
SILVICULTURE COMMITTEE

The Coast Kamloops Hotel
Kamloops
Feb 26 -28, 2024

Exploring the Need for Change to Forest Management in BC

This year's winter workshop is all about change.

Rapidly occurring and unpredictable, far-reaching and at times seemingly immeasurable, it demands that we actively pursue creative problem solving, seek innovation in our technology and practices, and re-examine our long-held ideas and beliefs about our relationship with nature and natural resources.

Our responses must include both science and society: strong support for research, and inclusion of wide-ranging community values and beliefs in our planning and management of lands.

This year we explore what needs to change and ideas about how to do it.

Registration Evening: Monday, February 26

The Coast Kamloops Hotel, Kamloops

Registration
4:00 – 7:00 pm

Social Time with Cash Bar and Hosted Snacks
6:00 pm – 10:00 pm

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Day One: Tuesday February 27, 2024

- 8:20 Welcome & Opening Remarks
2024 SISCO Chair
- 8:25 *Plenary Panel 1: Advancing Innovation in BC Forest Management - Keystone Learnings from a World-Leading Jurisdiction*
In late September of 2023 several BC forestry delegates from industry, government, consulting, research, and academic forestry fields traveled to Finland for 10 days of comprehensive study that was coordinated by UBC. Finland is a country known for a proud forestry culture of cooperation and collaboration, resulting in world leading forestry practices, operational efficiency, forward thinking and state-of-the-art forestry, and innovation. Their intention was to observe and learn how these practices could inform ours as we adapt to change and evolving challenges here in BC, to better steward our ecosystems and to improve the economy of our forest management. They saw innovative technology and tools, but perhaps of most importance, they delved into questions of governance, policy coherence, and strategies for streamlining processes across organizations. They have formed a working group to explore how what they learned can be applied here, with the intention of informing effective adaptation to our province's policies and practices over time.
Moderator: Bryce Bancroft, Symmetree Consulting
- 8:30 *Keynote Speaker: What We Saw in Finland Highlights Our Need for Innovation and Policy Reform in BC*
Jeff Mycock, Chief Forester, BC Operations, West Fraser
- Panelists' Presentations (each speaker has time for 1 – 2 questions at the end of their talk)*
- 8:55 *1. Innovative Technology and Practices in Finland: Why Aren't These Available Here in BC?*
Dominik Roeser, Associate Dean, Research Forests & Community Outreach, Faculty of Forestry, UBC
- 9:15 *2. Guidelines for Forest Stand Management in BC Modeled on What We Saw in Finland*
Brenden Tostenson, Harvesting Supervisor, Gorman Brothers
- 9:40 Questions
- 9:50 *3. Provincial Initiatives to Support Innovative Silviculture*
Andrew Snetsinger, Manager, Harvesting & Silviculture Practices, Forest Science Planning & Practices Br, MOF
- 10:15 *4. Re-Centering Forestry in Communities*
Harry Nelson, Associate Professor, Department of Forest Resources Management, UBC
- 10:40 Questions
- 10:50 Refreshment Break
- 11:15 *Concurrent Discussion Sessions 1- 5*
- 1. Resort Municipality of Whistler Fire and Fuels Monitoring Plan 2022-2025*
Nicholas Soverel, Frontera Forest Solutions
- 2. IDF Forests Past, Present, and Future: Navigating Climate-Driven Wildfires in Douglas-fir Ecosystems*
Kristi Iverson, RPBio, Research Vegetation Ecologist, Cariboo Region, BC Ministry of Forests
- 3. Transforming Governance in BC: an Emerging Vision to Coexist with Wildfire*
Lori Daniels, Faculty of Forestry, UBC
- 4. The Impacts of Invasive Species on Forestry and Communities*
Sue Staniforth, Manager, Special Projects, Invasive Species Council of BC
Lara Phillips, Special Projects Lead, Invasive Species Council of BC
- 5. The Intersection Of Indigenous Knowledge And Western Science: What Have We Learned So Far?*
Ellen Simmons, BSF, PhD Candidate UBCO, Instructor Environmental Natural Resources, NVIT
- 12:00 Lunch

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Day One continued

1:00 *Concurrent Discussion Sessions 1-5 Repeated*

1:45 Brief Break

1:55 *Panel 2: Land Management Now Entails the Whole Landscape and Must Be Approached as Pre-Fire Management and Post-Fire Management*

Landscape Managers' jurisdictions no longer stop close by the forest and grassland edge. In this era of a fire-dominated world, the landscapes and ecosystems we manage must include communities and their interface with non-human-dominated lands. Furthermore, it is now critical that we consider our management practices to be Pre-Fire interventions to mitigate fire hazard and Post-Fire analysis of what practices need to further change. The recognition that Pre-Fire management is perhaps more important – this is where skillful silviculture can help control, or at least moderate, the damages of fire events – is a paradigm shift. This panel explores these ideas.

Moderator: Deb DeLong

2:00 *Keynote Speaker: Forest and Fire Management in BC: Toward Landscape Resilience*
Tracy Andrews RPF, Manager, Audits and Investigations, BC Forest Practices Board

Panelists' Presentations (25 mins each including questions, Question Period at end of the panel as well)

2:30 *1. Fire Deficits and Fuel Accumulations Guide the Landscape-Level Restoration of Active Fire Regimes*
Jen Baron PhD Candidate, UBC Faculty of Forestry; Research Scientist, Pacific Institute of Climate Solutions

2:55 *2. Proactive Fire Management and Innovative Silviculture in British Columbia*
Kira M. Hoffman PhD WFE, Postdoctoral Researcher, Bulkley Valley Research Station, UBC

3:20 *3. Climate Change and Fire Management*
Michael Flannigan, BC Innovation Research Chair in Predictive Services, Emergency Management & Fire Science, TRU

3:45 *4. Wildfire Resiliency Planning from the WUI to the Landscape - BC Government*
Kelly Osbourne, Fire and Fuel Management Officer, BC Wildfire Service, Ministry of Forests
Sidney Potter FIT, Wildfire Technician | Prevention, BC Wildfire Service, Ministry of Forests

4:10 Questions

4:20 Adjourn for the day

5:30 Cash Bar Opens

6:30 Banquet

7:45 *Dinner Presentation: The Forests of Borneo*
BJ Randall Harris, Retired RPF

Randy has 41 years experience in field forestry in the Clearwater and the East Kootenay Forest Districts

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Day Two: Wednesday February 28, 2024

- 8:20 Announcements
SISCO AGM
2024 SISCO Chair
- 8:35 *Plenary Panel 3: Indigenous Forest Management*
Increasing involvement and inclusion of indigenous councils and communities in our land management both demonstrates positive change in governance policy and brings valuable change to our forestry practices. Indigenous-lead land management initiatives and enterprises provide innovation and new ways of approaching land stewardship. We explore here both successful project outcomes and challenges that demand creativity and problem solving.
Moderator: Heather MacLennan
Keynote Speaker: First Nations are Key Players in Addressing, Social, Environmental and Economic Challenges of Managing Forest Lands and Resources
Keith Atkinson RPF, Chair, BC Forest Practices Board
Panelists' Presentations (25 mins each including questions, Question Period at end of the panel as well)
- 9:00 *1. Co-Management with Tolko, and Our Other Forestry Initiatives*
Ray Cormier, Splatsin First Nation
- 9:25 *2. Overview of Simpcw Forestry - Our Holistic Approach*
Sam Phillips RPF, Simpcw First Nations
- 9:50 *3. Successes and Challenges in our Forestry Operations*
Dave Nordquist RPF, Title and Rights and Natural Resource Director, Adams Lake Indian Band
- 10:15 Questions
- 10:25 Refreshment Break
- 10:45 *Concurrent Discussion Sessions 6 - 10*
- 6. Regulating Professional Forestry in an Era of Colliding Values*
Casey Macaulay MA, RPF, Registrar and Director of Act Compliance, FPBC
- 7. How a Life-Long Career of Silviculture Experience Can Address Recent Reforestation Challenges*
Dennis Farquharson RPF, Silviculturist, GRO TRZ
- 8. Improving Greenhouse Gas Estimation, Accounting and Reporting in BC's Forest Sector*
Robbie Hember PhD, P.Ag., Forest Carbon Modeller, Office of the Chief Forester, BC Ministry of Forests
Melanie Plett, Team lead, Forest Investment, Office of the Chief Forester, BC Ministry of Forests
- 9. What If the New Wildfire Normal Isn't All That Unusual? - Implications For Pre-Fire Forest Management In Wildfire Prone Landscapes*
Doug Lewis, Landscape Ecologist, Cumulative Effects, MOWLRS, BC Ministry of Forests
- 10. Using TASS to Model Commercial Thinning in BC*
Kat Gunion, M.Sc, MSFM, RPF (BC & AB), Sr. Forest Analyst/Biometrics Team Lead, Forsite
- 11:30 Lunch

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Day Two continued

12:30 *Concurrent Discussion Sessions 6 – 10 repeated*

1:15 Brief Break

1:25 *Food For Thought on the Way Home*

After two full days of challenging technical material, we end our conference with inspiring stories of the awesome profession of forestry, for your listening pleasure!

We will hear from a silviculturist who worked in the same stands for 20 plus years, and spent enough time in the same place to learn what worked and what didn't, and that observation and intuition based on experience is sometimes a better predictor of stand success than prescriptions and regulations and guidelines; his talk is experiential and pragmatic.

We'll hear from a scientist who has spent a career researching how and why soil is at the heart of our forest ecosystems; this has been long known but our current research techniques and abilities now allow us to reveal and quantify amazing new facts; her talk is microscopic and wonderful (literally full of wonder).

We will close with some musings from a forester whose career has spanned many different aspects of the awesome profession of forestry; his talk is inspiring and forward-looking.

Panelists' Presentations (25 mins each including questions, Question Period at end of the panel as well)

1:30 *1. Twenty Years of Accumulated Knowledge and Experience Working in the Same Stands: Observations, Insights, and Intuitions*

Scott King, Silviculture Forester, Pacific Wood Tech, Golden

1:55 *2. What Carbon Flux Reveals About Soil Health and Why Our Forestry Practices Need to Heed This*
Cindy Prescott, Professor, Department of Forest and Conservation Sciences, Faculty of Forestry, UBC

2:20 *3. Reflections on a Long Career in Forestry Spanning Many Practices*
Garnet Mierau, Director of Practice, Forest Professionals of BC

2:45 Questions

3:00 Closing Remarks and Adjourn

Conference and Registration Details

Conference Venue / Hotel Accommodation Information

The Coast Kamloops Hotel is our conference venue. The Coast has reserved hotel rooms for us at the rate of \$126 + taxes and Parking is free. Phone 800 663-1144 or 250 828 6660 and quote SISCO or CKH-GFC11849.

Online Registration and Payment Information

Register here: <https://site.phedloop.com/event/EVEENPUPTVYZT/registration#start>

For Registration at the door, Payment is by cheque or cash.

Registration Options

All registration options include lunches, refreshment breaks, workshop booklet and nametag

Early Registration on or before January 22, 2024

With Banquet: \$445 (\$423.33 Ticket+\$13.21 reg software fee + \$8.46 credit card processing fee)

Without Banquet: \$415 (\$394.77+Ticket+\$12.34 reg software fee + \$7.89 credit card processing fee)

Student Registration: \$130 (\$123.46 Ticket+\$4.07 reg software fee+\$2.47 credit card processing fee)

Registration on or after January 23, 2024

With Banquet: \$485 (\$461.42 Ticket+\$14.37 reg software fee+\$9.22 credit card processing fee)

Without Banquet: \$455 (\$428.35 Ticket+\$8.55 reg software fee+\$13.10 credit card processing fee)

Student Registration: \$130 (\$123.53 Ticket+\$2.47 reg software fee+\$4.00 credit card processing fee)

Trade Show Booth / Research Poster / Student Posters

There is no additional charge for bringing a trade show booth or poster but every person accompanying / associated with the booth or poster who is at the conference must register and pay the applicable registration fee.

Cancellations

Received on or before January 31 will receive a full refund minus \$50 admin fee.

Received on or after February 1 will not receive a refund.

the SISCO webpage and the SISCO Event Website feature program updates as they develop:

www.siscobc.com

<https://site.phedloop.com/event/EVEENPUPTVYZT/home/>