

Forestry Opportunities for Positive Results on the Landscape

The 2016 winter workshop agenda focuses on the positive in our profession: innovative practices that address the changing climate and forest, and innovative products that address changing markets, both in consideration of increasing public awareness of the environment and the goods and services provided by it.

Panel Sessions

The panel sessions look at the different ways that foresters have a positive impact through research, innovative operations, and social responsibility.

Discussion Sessions

The workshop discussion sessions cover a range of forest science research topics and silviculture operations. The format provides you an opportunity for small group interactive conversation, exchange of ideas, and debate on the topics.

Come and join your colleagues for two days of conversation about key forestry issues of the day.

Registration Evening: Monday, February 22, 2016

6:30 pm **The Coast Hotel**
Registration, Cash Bar with Hosted Snacks, and Social Time

2016 SISCO Winter Workshop

Forestry Opportunities for Positive Results on the Landscape

Day One: Tuesday February 23, 2016

8:25 Welcome & Opening Remarks
John Karakatsoulis, Senior Lecturer, Natural Resources Sciences, TRU
2016 SISCO Chair

PANEL ONE: Foresters as a Positive Force for Change on the Landscape

The role of the professional forester has changed dramatically over the last half century. Along with the skills required to manage forest stands, a forester in the 21st century must be adept in understanding land-use issues, First Nations concerns, ecosystem management, wildlife management, riparian areas management and the economic impacts of forest management within a variety of different communities throughout BC. This session will highlight some of the important work our foresters are engaged in that are a positive force for change on the landscape.

Moderator: John Karakatsoulis

8:30 *Planning Activities on the UBC Research Forest*
Stephanie Ewen, Assistant Manager, UBC Alex Fraser Research Forest

8:45 *Kalamalka Research Program- Focusing on the Future Forest*
Ward Strong, Kalamalka Research Centre

9:00 *Opportunities for Directing Change on the Landscape*
Doug Lewis, FLNRO

9:15 *Paths to Walking Together with First Nations*
Scott Scholefield, First Nations Area Supervisor, Tolko

9:30 *Questions from the Floor / Discussion*

9:50 Refreshment Break

2016 SISCO Winter Workshop

Day One continued

PANEL TWO: Smarter Forest Fibre Resources Utilization

Large cull piles seen in most cut blocks are a common by-product of most harvesting operations that remove high quality sawlogs. With current and future technologies and a decreasing supply of forest fiber, the material in these cull piles likely represents a resource that can generate revenue and employment, be used for pulp or biofuel (hog fuel, pellets, etc.) and may support small- to mid-scale secondary manufacturing. Such an approach would help increase the utilization of forest resources while addressing concerns about carbon pollution and health issues associated with the smoke generated when this waste material is burned. In this session and a companion discussion session this afternoon, you will hear perspectives on the growing demand for material currently being disposed of by open burning, the important role this material plays in forest ecosystems, and case studies on the potential use of this material.

Moderator: Walt Klenner

- 10:15 *A European Perspective on Bioenergy and Biofuel Markets*
[Dominik Rosser, FPIInnovations](#)
- 10:45 *Biofuel Opportunities in Western North America*
[David Nicholls, USDA Forest Service, Pacific Northwest Research Station](#)
- 11:15 *A Case Study of the Forest Fibre Currently Not Being Utilized in Conventional Sawlog Harvest Operations*
[Walt Klenner, FLNRO, Thompson-Okanagan Region](#)
- 11:30 *Wildlife Impacts of Forest Fibre Removal and Options for Mitigation*
[Tom Sullivan, Professor, Forest and Conservation Sciences, UBC](#)
- 11:45 *Questions from the Floor / Discussion*
- 12:00 SISCO AGM
- 12:15 Lunch

2016 SISCO Winter Workshop

Day One continued

Forest Sciences Research and Operational Issues of the Day

1:30 *Discussion Sessions 1 – 6*

Discussion Session 1: The Phenotypic Effects of Selective Breeding on Climatic Adaptation in Lodgepole Pine and Interior Spruce

Ian MacLachlan, Ph.D. Candidate, Forest and Conservation Sciences, UBC

Discussion Session 2: Community Forest Applied Problem Solving - the Process Rather Than Results: Case Studies Demonstrating Modeling Tools

UBC Graduate Students in Master of Sustainable Forest Management Program (all FITs)
Instructor Deborah Delong, Forest Resources Management

West Boundary Community Forest (for Dan MacMaster RPF)

Patrick Ferguson

Private Land Management Near Salmo (for Rainer Muentner RPF)

Emma Driedger, Mike Harray, Julius Huhs, Tom Kasperkiewicz, Alysha Van Delft

Nakusp Community Forest (for Hugh Watt RPF)

Jess Duncan, Ben Kwiatkowski, Jade Laramie, Jill MacDonald, Lauren Shinnimin

Discussion Session 3: Utilizing Forest Fibre Resources – Emerging Opportunities Beyond the Sawlog Market

Hog Fuel Markets and Supply

Andrew Hansen, Ledcor, Vancouver

The Invisible Fibre Resource and How to Keep It There

Jim Thrower, SophoStats Data Services, Kamloops

Secondary Manufacturing Opportunities in Waste Piles

Ed Hermitage, Hermitage Forest Products

Co-Generation Opportunities and Needs

TBA

Discussion Session 4: Direct Seeding

Bill Chapman, Soil Scientist, MFLNRO

Jerome Girard, Area Supervisor – Silviculture, Tolko Industries

2016 SISCO Winter Workshop

Day One continued

Forest Sciences Research, and Operational Issues of the Day continued

1:30 *Discussion Sessions 1 – 6 continued*

Discussion Session 5: What Works and What Doesn't in the Planting Season: Planting Time, Fertilizing, Thawing, Planting Techniques, Plug Sizes, Species Problems, Brush Problems, Pests/Rodents Etc.!

Alan Vyse, Retired Research Forester and Educator

Darius Bucher, Regeneration Specialist, Integral Forest Management

Dennis Farquharson

Discussion Session 6: The New BEC Guidelines and Guidebooks for the South Central Columbia Mountains and Thompson Okanagan Region

Deb McKillop, Regional Ecologist, FLNRO

Mike Ryan, Regional Ecologist, FLNRO

2:45 Coffee to go (to take your next discussion session)

3:00 *Discussion Sessions 1 – 6 repeated*

4:15 Adjourn for the day

5:00 Cash Bar Opens;

5:30 ABCFP Members Meeting

6:30 Banquet

7:30 Banquet Speaker: Nicole Schabus, Law Professor, Thompson Rivers University

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Day Two: Wednesday February 24, 2016

8:25 Announcements
John Karakatsoulis, SISCO Chair

Forest Sciences Research and Operational Issues of the Day

8:30 *Discussion Sessions 7 - 11*

Discussion Session 7: Drone Technology – Applications in Forestry.
Brian Quinn, BC Timber Sales Branch, FLNRO

Discussion Session 8: The Wildfire Trifecta: Forests, Fuels, and Climate – an Illustrated Poster Session
Dr. Lori Daniels and Graduate Students, Tree Ring Lab at UBC
Forest and Conservation Sciences Department, Faculty of Forestry, UBC-Vancouver

Three Centuries of Fire History at Vaseux Lake
Alexandra Pogue, MSc Student

Altered Fire Regime Reduces Montane Forest Diversity
Raphaël Chavardès, PhD Candidate

How to Degrade Dry Forests: High-Grade Then Suppress All Fires for a Century
Gregory Greene, PhD Candidate

Fuelling the Debate: Managing Mule Deer Winter Range
Marc-Antoine Leclerc, MSc Student

Wildfire in a Warming World
Lori Daniels, Associate Professor

Discussion Session 9: A Return to Harvester/Forwarder to Support Partial Cutting - Why is it Better, and What Needs to Happen to Bring it to Life?
TBA

2016 SISCO Winter Workshop

Day Two continued

Discussion Session 10: The Development and Deployment of Pest Resistance in Forestry Trees: 1. Genetically-Based Resistance Mechanisms; 2. Breeding Work Necessary to Increase the Level Of Genetically-Based Resistance; 3 Getting Resistant Trees Out to the Bush

Nick Ukrainetz and Trevor Doerksen, Research Scientists / Tree Breeders
Kalamalka Forestry Centre, Tree Improvement Branchh, FLNRO

Discussion Session 11: From Incidence to Impact: Measuring and Modelling the Effects of Stem Rusts in Lodgepole Pine

Richard Reich, College of New Caledonia
Jim Goudie, FLNRO Inventory Branch

9:45 Coffee to go (to take your next discussion session)

10:00 *Discussion Sessions 7 - 12 repeated*

11:15 Lunch

2016 SISCO Winter Workshop

Day Two continued

PANEL THREE: The Role of Social License in Better Forest Management

Social License might be generally defined as the acceptance by a community of a corporation or some corporate activity. The terms acceptance and community are open to interpretation. Acceptance can include formal processes like the granting of regulatory approvals, but may also involve purchasing products, offering informal word-of-mouth promotion or extending unspecified good will. Similarly, the term community is not necessarily constrained by either size or proximity. The forest industry in British Columbia, which operates primarily on public land, has always depended on some form of social license. In this panel, we have speakers who will offer their perspectives on the relationship between social license and the promotion of better management of BC's forests.

Moderator: Ian Cameron

- 12:30 *Building Useful Forest Stewardship Plans*
Del Williams RPF Manager, Audits and Investigations, Forest Practices Board
- 12:55 *The South Chilcotin Stewardship Plan –*
A Collaborative Resource Management Initiative
Mike Simpson, RPF, Senior Regional Manager, Fraser Basin Council
- 1:20 *A Woodlot /Private Land Owner Perspective on Social License in Close Proximity to Rural Communities*
Rainer Muenther, Private Land Forest Manager, Monticola Forest
- 1:40 *Questions*
- 2:00 Refreshment Break

Emerging Issues in Forestry

Moderator: Cathy Koot

- 2:20 *Landscape Level Reforestation Standards*
Gary Quanstrom RPF, Silviculture Supervisor , Pacific Inland Resources, West Fraser
- 2:40 *Wildland Urban Interface: New Regulations to Implement Fuel Mgmt in Operational Forest Practices - The Cariboo Pilot Project*
Kelly Osbourne, Fire Management Planning Forester, BC Wildfire Service
- 3:00 *Questions*
- 3:20 Closing Remarks and Adjourn
Cathy Koot, Research Coordinator, UBC Alex Fraser Research Forest, Williams Lake
Incoming SISCO Chair

Conference and Registration Details

Accommodation / Hotel Information

The conference venue is The Coast Hotel, located just off Hwy 1, #1250 Hillside Way. Rooms are reserved for our delegates at the rate of \$95. For reservations call Local Phone: (250) 828- 6660, #2 -Group Bookings, or call "Central Reservations" @800 663-1144. For either, quote "SISCO GFC 4845".

Registration Information

SISCO does not invoice for registration fees; if you require an invoice, the participant registration form can be used. Payment is by cheque (payable to sisco), credit cards: Mastercard and Visa, or cheque or cash at the door.

Early Registration on or before February 7, 2016 (Payment can follow later)

Registration with meals: \$375 (includes 2 lunches, 3 coffee breaks and 1 banquet)

Registration without banquet: \$340 (includes 2 lunches and 3 coffee breaks)

NEW late fee: \$50

Late Registration on or after February 8, 2016

Registration with meals: \$425 (includes 2 lunches, 3 coffee breaks and 1 banquet)

Registration without banquet: \$390 (includes 2 lunches and 3 coffee breaks)

Student Registration: \$150 (includes 2 lunches, 3 coffee breaks and 1 banquet)

Research Posters and Trade Show Commercial Booths

There is no charge (other than the workshop registration fee) for bringing a poster or a trade show booth; every person accompanying the poster or booth must register and pay the registration fee. If you are bringing a poster or booth, please complete the Research Poster / Trade Show Booth form.

Cancellations

received on or before February 7 receive full refund minus \$50 admin fee.

received on or after February 8 will not receive a refund.

Please complete and email your Reg Form as an attachment to aaa@netidea.com

or Fax Registration Form / Mail Registration Form and payment to:
SISCO, 305 – 622 Front Street, Nelson BC V1L 4B7 Fax: 250 352-2211