This year’s winter workshop features three timely, thought-provoking, highly interactive events made possible by collaboration between SISCO, the Coastal Silviculture Committee, and the Canadian Institute of Forestry / Institut Forestier du Canada (CIF/IFC) The suite of events is described below:

I: 2013 SISCO Winter Workshop: Revisiting Key Forest Management Issues Addressed by SISCO Since 2004 - Have They Been Resolved?
For the past 10 years, SISCO agendas have featured recurring themes of critical forestry issues of the day:
• managing for resiliency in the face of changing climate, markets, and forest conditions;
• silviculture responses to mid-term timber supply issues;
• long term forest management for multiple societal values;
• critical issues of our forest inventories …

This year’s agenda will be something of a “decade in review” re-visiting some of these key forestry issues from past SISCO winter workshops, to explore
• to what extent these issues have been resolved,
• what progress has been made to address them,
• how their circumstances have changed, if at all?

The agenda format is 4 interactive panels on key forestry issues. Panelists will respond to the above questions, then all the panelists will query each other to clarify their prospective positions, and then questions from the floor will allow you to engage in in-depth discussion of the issues. This format will prepare us all to participate in the Forestry Town Hall Forum immediately following the winter workshop.

II: CIF Canadian Wood Fibre Centre Enhanced Forest Inventory Workshop
The agenda also features a dedicated session on one of these recurring forestry issues - forest inventory - hosted by the Canadian Institute of Forestry, and introducing the Enhanced Forest Inventory Program. For an overview of the program, and LiDAR, see: http://cif-ifc.org/site/inventory

III: Forestry Town Hall Forum for 2013 BC Provincial Election Candidates, Sponsored by the Coastal and Southern Interior Silviculture Committees and Canadian Institute of Forestry / Institut Forestier du Canada
The Town Hall Forum, with moderator Vaughn Palmer, will give our election candidates equal time to define and articulate their parties' policies on questions people have about forest management issues in BC. The forum is open to the public. There will be prepared questions from the host committee and key stakeholders, as well as questions from the floor. Come and be part of the forum, and prepare for the election by hearing what your candidates have to say about important forest management issues.

Come and join your colleagues in this suite of events, to explore and debate the critical forestry issues of the day

Registration Evening: Monday, March 4, 2013
4:30 – 6:00 Registration and Social Time with Cash Bar featuring Crannog Ales and Local Wines, and Trade Show featuring:
Silviculture and Forest Technology Products and Programs
LiDAR Technology
Poster Displays featuring Ministry of Forests, and Forestry Students Research
8:00 pm Adjourn till Tomorrow
Day One: Tuesday, March 5, 2013

8:25 Welcome & Opening Remarks

Panel 1: Options For The Long-Term Management Of Forest Resources For Multiple Values.
Moderator: Walt Klenner

8:30 Panelist 1: Forest Resource Management in TSA’s: Issues, Constraints and Opportunities
Rick Sommer, District Manager, Thompson Rivers District, MFLNRO

Panelist 2: Forest Resource Management from an Industry Perspective
Archie MacDonald, General Manager, Forestry, Council of Forest Industries

Panelist 3: Forest Resource Management in Community Forests: Issues, Constraints and Opportunities
Don Brown, Forest Manager, Logan Lake Community Forest

Panelist 4: Forest Resource Management in BC: Current Issues and Future Opportunities
Bill Bourgeois, President, New Direction Resource Management

Panelists’ Question Period - Panelists Question Panelists

9:20 Open Question Period - Questions From The Floor

9:40 Coffee

Panel 2: Climate Change: Options To Maintain Forest Resilience and Resistance to Climate Change: What’s Been Done, What’s Been Modeled?
Moderator: Doug Lewis

10:10 Panelist 1: Review of Current Climate Change Projections In Southern Interior BC: Effects of Uncertainty in Temperature and Precipitation on Forest Ecosystems and Management in BC
Dave Spittlehouse, Climatologist, MFLNRO

Panelist 2: Forest Stewardship Action Plan for Climate Change Adaptation
Kathy Hopkins, Climate Change Coordinator, MFLNRO

Panelist 3: Outlining Adaptation Strategies To Maintain Forest Resilience And Ecosystem Services Under Future Uncertain Climate Conditions
Dave Daust, Consultant, Bulkley Valley Research Centre

Panelist 4: A Review of Practices for Diminishing the Effects of Climate Change on Forest Ecosystems in BC
Walt Klenner, Wildlife Habitat Ecologist, MFLNRO

Panelists’ Question Period - Panelists Question Panelists

11:00 Open Question Period - Questions From The Floor

11:20 Lunch
Enhanced Forest Inventory Program

The Canadian Wood Fibre Centre, along with numerous partners has developed a national enhanced forest inventory system that maps wood fibre characteristics at the management unit scale. The system provides forest industry with strategic and operational data that can feed optimization and planning programs with detailed outside and inside bark properties so companies can better plan operations in a cost competitive and sustainable manner. The system uses traditional forest inventory technologies such as imagery and ground plots along with newer technologies such as Enhanced Imagery, Airborne LiDAR, terrestrial LiDAR, and Silvascan to produce complete digital wall-to-wall coverage of a management unit. The outputs can be utilized to lower costs in road placement, construction, and maintenance, provide appropriate data to optimize harvesting costs, and direct wood to the more efficient mill. Outputs can also be used to plan the appropriate equipment to acquire to match the characteristics of future harvest blocks, plan product development based upon future wood fibre characteristics, and plan harvest blocks based upon milling requirements. A more sustainable and competitive forest industry can be realized by directing the right wood to the right mill at the right time. The enhanced forest inventory provides the data required to achieve this goal.

Enhanced Forest Inventory Workshop

Moderator: Matt Meade, Executive Director, CIF/IFC

12:20  
1. **The CWFC Enhanced Forest Inventory Research**  
George Bruemmer, Natural Resources Canada / CFS/ Canadian Wood Fibre Centre

12:40  
2. **LiDAR: From Flight to High Spatial Resolution Predictions of Stand Attributes**  
Joanne White, Spatial Analyst, Canadian Forest Service, Natural Resources Canada, and Doug Pitt

1:00  
3. **The CWFC Enhanced Inventory Research Program**  
Doug Pitt, Natural Resources Canada / CFS/ Canadian Wood Fibre Centre

1:20  
4. **Overview and Lessons From the Alberta Foothills Project**  
Roger Whitehead, Regional Coordinator, Natural Resources Canada /CFS/ Canadian Wood Fibre Centre

1:40  
5. **Alberta’s LiDAR Experience – Lessons Learned**  
Barry White PhD RPF, Forest Management Branch, Alberta Sustainable Resource Development
2:00 **SISCO Winter Workshop Discussion Sessions 1 – 5**

**Discussion Session 1**

*Lessons From 80 Years of Continuous Forest Inventories: How the Choice Of Silviculture Systems and AAC Levels Have Affected Forest Dynamics on the Spokane Indian Reservation.*
Ted Hensold, Consulting Forester
Rainer Muenter, Forest Manager, Monticola Managed Forests & Woodlots

**Discussion Session 2**

*The Future of Biogeoclimatic Ecosystem Classification: How Can We Adapt It, and the Way We Use It, to Assist Silviculture in a Changing Climate?*
Colin Mahony RPF, UBC M.Sc Candidate
Mike Ryan, Research Ecologist, MFLNRO, Kamloops
Greg O’Neill, Forest Geneticist, MFLNRO, Kalamalka Forestry Centre
Tongli Wang, Professor, UBC Faculty of Forestry
Dennis Farquharson, Silviculture Forester, GRO TRZ Consulting

**Discussion Session 3**

*Working with LiDAR-enhanced Inventory: Costs and Benefits, and Decision Support for Strategic, Tactical, and Operational Planning.*
Dr. Kevin Lim, President, Lim Geomatics
Matt Kurowski, Researcher, Resource Roads, FPInnovations
Mihai Pavel, Researcher, Value Maximization & Decision Support, FPInnovations

**Discussion Session 4**

*Long Term Growth & Yield and in Partially-Cut Stands: Key Silvicultural Lessons From 93 Years of Management at the Aleza Lake Research Forest.*
Mike Jull, Manager, Aleza Lake Research Forest UNBC
Craig Farnden PhD RPF, Post Doctoral Fellow, UBC Department of Forest Resources Management

**Discussion Session 5**

*Alex Fraser Research Forest Project: Silviculture Solutions to Timber Flow Issue: Adapting Swedish Thinning Practices to the BC Interior, and Local Example of LiDAR Technology.*
Christian David, MSc Student, Swedish University of Agricultural Sciences, and UBC
Doug Bolton, PhD Candidate, Integrated Remote Sensing Studio, UBC

3:00 Coffee

3:15 **SISCO Winter Workshop Discussion Sessions 1 – 5 Repeated**

4:15 Adjourn for the day, Cash Bar, Poster Displays

5:00 **ABCFP Members Meeting with Brian Robinson – Accolades Dining Room (near Cafeteria)**

6:30 Banquet Buffet

7:45 After Dinner Talk: Vaughn Palmer: Reflections on Challenges in the Forest Sector
2013 SISCO Winter Workshop
Revisiting Key Forest Management Issues Addressed by SISCO Since 2004: Have They Been Resolved?

Day Two: Wednesday, March 6, 2013

8:25 Announcements

8:30 SISCO AGM

Panel 3: Silviculture as the Tool to Manage the Mid-Term Timber Supply: A Critical Assessment of Options
Moderator: Ken Day

Panelist 1: What Can Happen – A Finnish Example: Small Property Owner and Cut Control Using Multiple Thinnings
Jorma Neuvonen, Director of Special Projects, Faculty of Forestry, UBC

Cam Brown, Strategic Planning Forester, Forsite Consultants Ltd.

Panelist 3: Forest Management Strategies Using Cost-Effective Partial Cutting Treatments
Philippe Meek F.Eng.,M.Sc. Associate Program Leader, Harvesting Operations, FPInnovations

Panelist 4: Reality Check - What Do We Need to Know to Make Better Silviculture Decisions?
Stephen Mitchell, Associate Professor, UBC Faculty of Forestry

Panelists’ Question Period – Panelists Question Panelists

9:40 Open Question Period - Questions From The Floor

10:00 Coffee

Panel 4: Monitoring The State Of The Managed Forest In BC: Eye In The Sky Or Boots On The Ground?
Moderator: Alan Vyse

10:30 Panelist 1: What Can the Ministry's Forest Inventory Program Do For Us?
Pat Martin, Manager, Forest Inventory, Forest Analysis and Inventory Branch, MFLNRO

Panelist 2: What Can Resources Practices Branch Do For Us?
Stefan Zeglen, Forest Pathologist, Forest Stewardship, MFLNRO

Panelist 3: Practical Lessons From a Program Already in Place
Eleanor McWilliams, Partner, Associated Strategic Consulting Experts Inc.

Panelist 4: Will LiDAR Replace Boots on the Ground?
Roger Whitehead, Regional Coordinator, Natural Resources Canada /CFS/ Canadian Wood Fibre Centre

Panelists’ Clarification Period – Further Points of Clarification from Any Panelist

11:20 Open Question Period - Questions From The Floor

11:40 Closing Remarks, and Adjourn

Lunch, followed by the Forestry Town Hall Forum at 1:00 pm

Doug Lewis, MFLNRO
SISCO Chair

Marvin Eng, Manager
Forest Practices Board
Incoming SISCO Chair