

Day One: Tuesday, March 1, 2022

Panel 1: Collaborative Management of Ecosystems, Lands,**Values & Resources**

Collaborative management of ecosystems and resource values is an important component of land stewardship, especially in British Columbia where over 93% of forest management activities occur on public and unceded lands. When complex decisions about managing our shared resources include input from care-takers of the land, multi-disciplinary experts, and specific stakeholders, the results can be “greater than the parts”. Public involvement is a necessary component of successful land management planning, and post-event evaluation of extreme events such as wild fire and flooding benefits from engagement and collaboration by local response agencies, residents, and technical experts. This panel explores these ideas.

Mod: John Karakatsoulis Professor Forest Ecology&Natural Resources Sciences TRU

The Role of Public Involvement in Forest Resource Management & Policy

Dr. John Innes, FRBC Chair of Forest Management, Faculty of Forestry, UBC

1. Elephant Hill Fire-Post Event Review - Lessons Learned & Future Planning
Lorraine Maclauchlan, Entomologist, FLNRORD

2. Indigenous Leadership in Wildfire Recovery and Forest Stewardship

Sarah Dickson-Hoyle, Faculty of Forestry, UBC

Angie Kane, CEO, Secwepemcúl'ecw Restoration and Stewardship Society

3. BC's Community Forest Association: Collaboration & Community Input

Jennifer Gunter, Executive Director, BC Community Forest Association

4. An Update on Forest Landscape Planning in BC

Barry Snowdon, Sustainable Forest Management Team Lead, FLNRORD

David Lishman, Values Coordinator, FLNRORD

12:30 BREAK FOR LUNCH

Panel 2: Rural Communities Adapting to Change

Communities in transition from an economy based mainly on the forest industry to one depending on a wider range of resources and enterprises are replete with opportunities for renewal and re-invention. Towns that recently may have relied mostly on forestry expertise and capacity now need a broader demographic with different skills and visions. Most importantly, local forestry companies need to be able to adapt and change in order to keep such a valuable component of our provincial wealth - our forest industry - viable and relevant for the cultural and economic well-being of our rural communities. The role of provincial and municipal government is fundamental to enabling and supporting this transformation. We'll explore all this, and more!

Moderator: Doug Lewis, Stewardship Evaluation Forester, FLNRORD

*In Flux: The Impacts of a Transforming Forestry Sector on Community**Well-being in the US West*

Erin Kelly, Professor, Humboldt State University, California

1. Different Post-Timber Production Community Pathways In Oregon

Michael Coughlan, Ecological Anthropologist, Oregon State University

2. Building a Community: the District of Clearwater from 2008 till Now

Leslie Groulx, Retired Chief Administrative officer, District of Clearwater

3. Community of Quesnel: Elements of Adaptation & Landscape Planning

Bob Simpson, Mayor of Quesnel

4:15 Adjourn for the day

Day Two: Wednesday, March 2, 2022

Panel 3: Climate Change Adaptation

Climate Change is not happening as a gradual change - we are experiencing it as a series of sudden extreme events which sometimes have cumulative effects on forests. Silviculture and forest management must adapt to this new climate of unpredictable change. We explore here some thoughts about how this can be done, some current research into these phenomena, and some practical approaches to mitigation that focus on adaptation.

Moderator: Rainer Muentner, Forest Manager, Monticola Forest

Expecting the Un-Expected- Adapting to Climate Change and Extreme Events

Klaus Puettman, Edmund Hayes Professor in Silviculture Alternatives, OSU

1. Fire and Climate Change – What Does The Future Hold?

Mike Flannigan, BC Innovation Research Chair in Predictive Services, TRU

2. Forest Health: How Can Forests Survive Drought and Extreme Heat and Multiple Insect Outbreaks? Lorraine Maclauchlan, Entomologist, FLNRORD

3. Genetic Variation in Drought/Cold Tolerance/Reforestation in New Climate
Sally Aitken, Professor and Associate Dean - Research and Innovation, UBC

4. Adaptation Not Mitigation / Working Within the Limits of Climate Change

John Anderson, Owner / Manager, Kane Lake Ranch, Merritt

12:15 BREAK FOR LUNCH

Panel 4: Silviculture in a Changing Climate

As extreme weather events continue to impact regenerating forests, alternative (to clear cutting) silviculture systems and viable approaches to uneven aged management are increasingly necessary to ensure the best chances of survival of young forests in dry climates. The economics of uneven aged management needs re-evaluation in light of this extreme climate change. On the research front, the impacts of plastic use in the silviculture industry is under scrutiny, and there is an update on the provincial free growing framework in BC. It will be interesting to consider our current responses to evolving climate circumstances in light of the extensive research carried out at the end of the previous century under the Montane Alternative Silviculture Systems project.

Mod: Kailee Woodbeck, Silviculture Forester, Kalesnikoff Lumber Co

Montane Alternative Silviculture Systems (MASS) – What Did We Learn; How Have We Changed?

Bill Beese, RPF, Research Associate, Vancouver Island University

1. Reforesting Dry Sites in the Thompson Okanagan Natural Resource Region

Colin Hegan, Silviculture Specialist, Forsite Consultants

John Hopper, Silviculture Extension Specialist, FLNRORD

2. Free Growing Working SubGroup: Review Current FG Framework in BC

Taisa Brown RPF, Silviculture Performance Assessment, FLNRORD

3. Plastic! It's Use in Silviculture

Nigel Fletcher, Forest Investments Analysis Specialist, FLNRORD

4. How To Make Silviculture Systems Other than Clearcutting Viable

Rainer Muentner, Forest Manager, Monticola Forest

5. Provincial Reforestation Current Situation and Future Predictions

Neil Hughes, Forest Estab. Leader, Harvesting&SilvPractices, FLNRORD

5:00 Adjourn for the day

Day Three: Thursday, March 3, 2022

Panel 5: Old Growth Deferrals

In our new world of climate change and upheaval in so many arenas, Old Growth Forests have come to have iconic meaning and a symbolic place in our collective psyche, while simultaneously having a very real and pragmatic place in our forest harvesting plans. The ability to honour the one and manage for the other is the challenge we face today. The need to define Old Growth, then measure and map it as precursor to all next steps is a pivotal undertaking that underlies all future management strategies. This panel will explore these ideas and provide the opportunity to discuss them. Our final presentation of this year's Winter Workshop will bring us back down to earth for a visual exploration of Old Growth management in BC's interior forest.

Moderator: Doug Lewis, Stewardship Evaluation Forester, FLNRORD

The Values of Old Growth Forests: Characteristics, Functions, Distribution, Succession

Deb MacKillop, Research Ecologist, FLNRORD

1. Paradigm Lost (?): The Dangers of Competing Science and Old Growth. Analogies with the Last 30 Years of Climate Debate

Dr. Rachel Holt, Ph.D., R.P.Bio, Veridian Ecological Consulting

2. The Status of BC's Old Forests in 2021

Cam Brown, Strategic Planning Forester, Forsite Consultants

Qusetion Period for First three Speakers on Measuring old Growth

10:30 BREAK

3. One Indigenous Perspective Regarding the Values of Old Growth

Adam Olsen, Tsartlip First Nation, Green Party MLA Saanich North/theIslands

4. Identifying and Ranking Old Growth Stands using LiDAR and Expert Opinion: A Collaborative Approach on Canfors TFL14

Kari StuartSmith PhD PBIol, Biodiversity&Wildlife, Canadian Forest Products

Cam Brown, Strategic Planning Forester, Forsite Consultants

5. Social/Economic Impact of Old Growth Deferrals on the Community of Revelstoke

Mike Copperthwaite, Manager, Revelstoke Community Forest

Kevin Bollefer, Operations Forester, Revelstoke Community Forest

6. An Illustrated Perspective on Proposed Old Growth Deferrals

Al Waters RPF (Retired)

1:00 Closing Remarks and Adjourn