

Adapting Natural Resource Management for a Changing Climate

Field based workshop
Williams Lake Oct 7-8, 2015

AGENDA and LOGISTICS

Note: the morning of each day will start indoors to provide context for the day and organize transportation to the Alex Fraser Research Forest.

- We will meet at Pioneer Centre at 8 AM on both Oct 7th and 8th.
- Lunch, beverages and snacks will be provided

Timing	Day 1- Wednesday October 7 th	Location
DAY 1 8:00 to 8:30	Marshal – coffee will be provided <ul style="list-style-type: none">• Welcoming address - Mike Pedersen – District Manager WL<ul style="list-style-type: none">○ Introductions and brief overview of our Changing Climate – based on local data Bryce Bancroft Symmetree Consulting group	Pioneer Centre 351 Hodgson Rd Williams Lake
8:30 to 9:45	<ul style="list-style-type: none">• Travel to Gavin Lake Block of the Alex Fraser Research Forest	
9:45 – 10:00	<ul style="list-style-type: none">• Distribute snacks and beverages – comfort break	
10:00 to 10:30	<ul style="list-style-type: none">• Carbon management – linkages to healthy vigorous forests – an interactive discussion. Dennis Paradine FRLN Carbon overview	CB 164 unburned piles Adjacent Com Thinning block
10:30 to 11:00	<ul style="list-style-type: none">• Biomass Harvesting – GHG reduction and risk mitigation – Marian Marinescu - FPInnovations<ul style="list-style-type: none">○ Examples and options – where are we now, where do we want to be?	CB 164 – biomass at road side – financial availability of biomass through logging residues
11:10 to 11:45	<ul style="list-style-type: none">• Harvesting considerations based on climatic conditions<ul style="list-style-type: none">○ In the forest with Ken Day (UBC) with examples – bring your own issues and possible solutions to share with the group.	CB 164 – industrial clearcut standard approach
11:45 to 12:00	<ul style="list-style-type: none">• Travel to Block 157	
12:00 to 12:45	<ul style="list-style-type: none">• Lunch (provided) with a view – comfort break at CB 164 or at 157	
12:45 to 1:35	<ul style="list-style-type: none">• Genomics – what is important for future growth and survival – Sally Aitken UBC	CB 157 – trial

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1:35 to 2:00	<ul style="list-style-type: none"> Species direction at the landscape scale, tracking and ideas – Kevin Astridge RPB FLNR 	CB 157 – Landscape view
2:00 to 2:20	<ul style="list-style-type: none"> Travel to CB 134 	
2:20 to 2:30	<ul style="list-style-type: none"> Discussion of Nursery Practices to address drought Bryce Bancroft 	CB 137
2:30 to 2:40	<ul style="list-style-type: none"> Coffee – then walk to Py and Lw trial – 15 minutes 	
2:40 to 3:15	<ul style="list-style-type: none"> Trial of Py and Lw in three BEC subzones – Cathy Koot UBC Assisted Migration – AMAT trial – Ken Day UBC 	CB 137 – Lw and Py planting UBC/West Fraser – trial results Discuss AMAT Trial
3:15 to 3:45	<ul style="list-style-type: none"> Natural regeneration – its role and use with the range of silvicultural systems – Ken Day UBC 	CB 134 – cut in 2002, mix of clearcut and shelterwood after pine removal
3:45 to 5:15	<ul style="list-style-type: none"> Travel back to Pioneer Center 	
DAY 2	Thursday October 8 th Theme - Climate Change and Risk	
8:00 to 8:15	<ul style="list-style-type: none"> Marshal at the Pioneer Centre Coffee will be provided 	Pioneer Centre
8:15 to 9:00	<ul style="list-style-type: none"> Travel to Knife Creek Block 	Travel to Knife Creek Block
9:00 to 9:30	<ul style="list-style-type: none"> Importance of land management planning and importance of assessing RISK Integrated Silviculture Strategies as a tool to manage climate impacts – Bryce Bancroft 	Knife Creek CB 229 at Junction Big Meadow Rd at Rodeo Drive
	<ul style="list-style-type: none"> Risk – how do we manage it? Ken Day – introduction – use of local snowpress as an example – bring into hazard matrix. 	Knife Creek CB 229
Start at 9:30	<ul style="list-style-type: none"> Fire as a lens – what is the forest telling us, what can be done and what is being done? How will a changing climate impact risk? 	CB 229

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9:30 to 10:15	<ul style="list-style-type: none"> ○ What the forest is telling us, what more can be done? Lori Daniels UBC 	CB 229
10:15 to 10:30	<ul style="list-style-type: none"> ○ Break – snacks and drinks provided 	
10:30 to 12:00	<ul style="list-style-type: none"> ○ Present direction and field based exercises - Kelly Osborne WMB FLNR 	CB 229 Four sites – treated, harvested, control and a fire
Noon to 12:10	<ul style="list-style-type: none"> ● Travel to Grassland restoration site 	
12:10 to 12:40	<ul style="list-style-type: none"> ● Lunch provided 	
12:40 to 1:10	<ul style="list-style-type: none"> ○ Williams Lake TSA Fire Management pilot project – Where does fire management fit within designated reserves, e.g., UWR. A discussion with examples – Gerry Grant FLNR 	CB Grassland restoration site
1:10 to 1:30	<ul style="list-style-type: none"> ● Managing the IDF for resiliency ○ The use of a LiDAR inventory – Ken Day, Bryce Bancroft – with local examples 	CB 222/grassland interface Inventory Scale – tablet maps – Mule Deer trail 2
1:30 to 2:00	<ul style="list-style-type: none"> ● Options for regime building – Ken Day and others 	
2:00 to 3:00	<ul style="list-style-type: none"> ○ Budworm in a changing climate -- Jodi Axelson FLNR 	Sites within CB 222 area
3:00 to 3:30	<ul style="list-style-type: none"> ○ Managing Fd Beetle – Jodi Axelson FLNR– overview with exercises to address options 	Big Meadow and Jones Creek Road
3:30	<ul style="list-style-type: none"> ○ Snacks provided – as we work through the summary 	
3:30 to 3:45	<ul style="list-style-type: none"> ● Workshop summary – What did we learn? What should we be doing that we are not? 	
3:45 to 4:30	<ul style="list-style-type: none"> ● Travel back to Pioneer Centre 	