



2019 MPB Ecology Research Forum
 Edmonton Coast Plaza, Edmonton
 Valley Ballroom
 April 23 and 24, 2019

AGENDA

DAY 1: TUESDAY APRIL 23, 2019

Time		Topic	Speaker
7:30	8:15	BREAKFAST	<i>Valley Ballroom</i>
8:15	8:30	Welcome and introductions Description of the day and objectives Introduction of plenary speaker	<i>Keith McClain</i>
8:30	9:30	Forest change in BC and Alberta caused by MPB: Coping with the uncertainties of today and the future	<i>Rene Alfaro</i>
9:30	10:00	West-Central Alberta Future outlook for lodgepole pine stands post-MPB in West-Central Alberta: The Beyond Beetle Project a) Rationale, objectives, study area	<i>Ellen Macdonald (Project Lead)</i>
10:00	10:30	BREAK	
10:30	11:00	b) Natural regeneration in untreated lodgepole pine stands post-MPB	<i>Ellen Macdonald</i>
11:00	11:30	c) Forest health and the legacy of mountain pine beetle outbreaks in Alberta	<i>Shiyang (Violet) Zhao and Nadir Erbilgin</i>
11:30	12:00	d) Partial harvesting in post-MPB stands: Potential impacts on wildfire	<i>Mike Flannigan</i>
12:00 12:45	12:45 1:00	LUNCH CIF Rocky Mountain Section Award Presentation	



Time		Topic	Speaker
1:00	1:20	e) Partial harvesting and site preparation as rehabilitation treatments for post-MPB stands: Effects on natural regeneration	<i>Julie Steinke</i>
1:20	1:40	f) Application of findings to management: Virtual field tour and field guides	<i>Victor Lieffers</i>
1:40	3:15	Southern Foothills	<i>Jodi Axelson (Project Lead)</i>
1:40	1:45	a) Introduction to the Southern Foothills Project	
1:45	2:30	b) The land before MPB: looking back in time to guide the future	<i>Chris Stockdale</i>
2:30	3:15	c) 30-years of change following the MPB: Stand dynamics and implications for the future	<i>Jodi Axelson</i>
3:15	3:30	BREAK	
3:30	4:00	Stand dynamics after MPB attack	<i>Sharon Meredith</i>
4:00	4:30	Plenary discussion & directions for future research	<i>Keith McClain</i>
4:30	5:00	Essential elements of a successful management prescription	<i>Jeff Morris</i>
5:00	6:00	RECEPTION	<i>fRI Research / Rocky Mountain Section – CIF Valley Ballroom</i>
6:00	7:30	<i>Rocky Mountain Section – CIF AGM</i>	<i>Valley Ballroom</i>

DAY 2: WEDNESDAY, APRIL 24, 2019

Time		Topic	Speaker
7:30	8:15	BREAKFAST	<i>Valley Ballroom</i>
8:15	8:30	Welcome, comments and morning objectives	<i>Keith McClain</i>
8:30	8:45	Eco-site descriptions, objectives and constraints to guide preparation of management prescriptions	<i>Brad Pinno</i>
8:45	10:00	Breakout Group 1: West - Central Alberta	Breakout Group 2: Southern Foothills
			Groups will appoint a scribe and a rapporteur
10:00	10:15	BREAK	



Time		Topic	Speaker
10:15	11:00	Group 1 Tables: Presentation of Management Prescriptions – West - Central Alberta	<i>Brad Pinno</i> – Full audience participation in evaluating management prescriptions
11:00	11:45	Group 2 Tables: Presentation of Management Prescriptions – Southern Foothills	<i>Brad Pinno</i> – Full audience participation in evaluating management prescriptions
11:45	12:15	PLENARY DISCUSSION	<i>Brad Pinno, Keith McClain</i>
12:15	1:00	LUNCH	
1:00	1:15	Introduction and afternoon objectives	<i>Keith McClain</i>
A significant question remains on the minds of Canadian resource managers and that is whether Mountain Pine Beetle will continue to expand its range and cause severe damage to eastern pine forests. In this session, we will learn about the recently completed NRCan-CFS Risk Assessment and those factors that are considered influential for an eastward expansion.			
1:15	1:45	NRCan – CFS MPB Risk Assessment	<i>Katherine Bleiker</i>
Critical Factors Influencing Eastern Range Expansion			
1:45	2:15	a) MPB cold tolerance and implications for outbreaks and range expansion	<i>Greg Smith</i>
2:15	2:45	b) Mountain pine beetle dispersal by flight and implications for population spread	<i>Maya Evenden</i>
2:45	3:00	BREAK	
3:00	3:30	c) Receptivity of novel habitats	<i>Stan Pokorny</i>
3:30	4:00	d) Density-dependent responses of mountain pine beetle to its pheromones and host volatiles in naive lodgepole pine forest stands	<i>Nadir Erbilgin, Jennifer G Klutsch, Gail Classens, Caroline Whitehouse, James F Cahill, Jr.</i>
4:00	4:30	e) Operational control efforts	<i>Allan Carroll</i>
4:30	5:00	What's left to know?	<i>Allan Carroll</i>
5:00	5:05	Concluding remarks	<i>Keith McClain</i>