Crown Managers Partnership

Trans-boundary Collaborative Solutions to Landscape Scale Ecosystem Management

19th ANNUAL FORUM

Dispelling the Myths of Fire in the Crown of the Continent

March 19-21, 2019

St Eugene Resort – 777 Mission Rd., Cranbrook, BC VIC 7E5 (866-292-2020)

FORUM OBJECTIVES

- **Deepen understanding of past, present, and future Traditional Knowledge of fire and its use in the Crown;**
- **Present current understanding of fire how and why regimes and intensities are changing**
- **Integrate climate change and fire and its relationship to terrestrial and aquatic systems and the human environment**
- **Provide tools, lessons learned, and effective best management practices for managers to take home and utilize.**

Agenda Overview

Tuesday March 19

- *CMP business meeting – all welcome*

Wednesday March 20

- *Registration Open*
- *Welcome*
- ***Session 1:** Fire Past and Future: Fact, Fiction and Uncertainty – Current Situation and How it's Changing - How We Got Here and Where are We Going?*
- ***Session 2:** Fire Management in Practice- Benefits, Impacts, and Case Studies - Obstacles, Implementation and Successes*
- ***Session 3:** Active Use of Fire - First Nations TEK and How Fire is Used as a Tool*

Thursday March 21

- ***Session 4:** Fire in Terrestrial and Aquatic Systems - Benefits, Impacts, and Case Studies*
- ***Session 5:** Fire in Human Environment - Benefits and Impacts and Case Studies*

Tuesday - March 19

Pre-Forum Business Meeting – all welcome	
1:00 pm	***Crown Managers Partnership Business Meeting,*** *Steering Committee and any land or resource management agencies working in the Crown of the Continent*
5:00 pm	***Dinner on your Own***

Wednesday - March 20

Welcome	
7:30 am	*Registration Opens*
8:30 am	*Welcome and Opening Remarks – First Nations welcome to the territory*
8:45 am	*Crown Managers Partnership Overview*
9:00 am	*Forum Objectives / Agenda Overview / Logistics*
Session 1: Fire Past and Future: Fact, Fiction and Uncertainty - Current Situation and How it's Changing - How We Got Here and Where Are We Going? *Moderator: Anne Carlson*	
9:10 am	*Title TBA* ***Lori Daniels (Professor, University of British Columbia, Dept. of Forest and Conservation Sciences)***
9:40 am	*Wildland fire deficit and surplus in the Western United States* ***Marc Parisien (Research Scientist, Natural Resources Canada, Northern Forestry Centre))***
10:10 am	*Break*
10:25 am	*Where are we headed? Effects of climate change on forest vegetation and fire behavior in the Northern Rockies* ***Bob Keane (Research Ecologist, USDA Forest Service, Rocky Mountain Research Station)***
10:55 am	*Break out Group Exercise*
11:15 am	*LUNCH*
Session 2: Fire Management in Practice - Benefits, Impacts, and Public Perceptions, Case Studies - Obstacles, Implementation and Successes *• What are we learning as we implement and experiment on the ground?* *• What should we be paying attention to as we go forward?* *Moderator: Vita Wright*	
12:15 pm	*Regional trends in burn severity, tree regeneration and reburns in the Northern Rockies* ***Brian Harvey (Assistant Professor, University of Washington, School of Environmental and Forest Sciences) (to be confirmed)***
12:45 pm	*Case study: Managing fire in the Bob Marshall Wilderness - lessons learned, challenges, best management practices, sustaining outcomes (Sun River prescribed burn)* ***Mike Munoz (District Ranger, USDA Forest Service, Rocky Mountain Ranger District)***
1:15 pm	*Decision maker barriers to the use of wildfire and prescribed fire as a tool* ***TBA***
1:45 pm	*Tools for Integrating local objectives with incident management (delegation of authority, long-term analysts, strategic operations planners, Risk Management Assistance Teams, resource advisors)* ***TBA***
2:15 pm	*Break out Group Exercise*

2:35 pm	*Break*
Session 3: Active use of fire - Traditional Knowledge and Fire in the Crown: Past, Present and Future *Moderator: Mike Durglo*	
2:50 pm	*Fuel treatment / Prescribed fire – Local municipalities and first nations in implementing prescribed fire in and around land bases – How it looks like when rubber meets the road* ***Bob Gray (Fire Ecologist, Gray Consulting)***
3:10 pm	*Traditional Knowledge, Panel #1 – Historical use of fire on the land* *Panelists will discuss how fire was used by tribes and First Nations to sustain cultural and ecological resources across the Crown historically (using examples and personal stories); Moderator: Mike Durglo (CSKT);* ***Panelists: TBD***
3:55 pm	*Traditional Knowledge, Panel #2 - Current and future use of fire on the land* *Panelists will discuss obstacles, implementation, successes to using fire on tribal and First Nations' lands currently and in the future; as well as the top 3 ingredients for success in their experience; Moderator: Jim Durglo (CSKT).* ***Panelists: TBD***
4:40 pm	*Open group discussion with panelists*
5:00 pm	*Free time*
5:30 pm	*Social gathering – No host bar*
6:00 pm	*Catered Dinner Service begins (included with registration)*
6:45 pm	*Keynote Speaker* ***TBD***

Thursday - March 21

8:00 am	*Welcome, Day 1 Recap – Review Breakout summaries from Sessions 1, 2, and 3*
Session 4: Fire in Terrestrial and Aquatic Systems - Benefits, Impacts, and Case Studies *Moderator: Rob Davies*	
8:15 am	*Bark beetles and fire ecology* ***Brian Harvey (Assistant Professor, University of Washington, School of Environmental and Forest Sciences) (to be confirmed)***
8:35 am	*Fire and lynx* ***John Squires (Research Wildlife Biologist, USDA Forest Service, Rocky Mountain Research Station)***
8:55 am	*Effects of fire on fish populations: Landscape perspectives on persistence of native fishes and nonnative fish invasions* ***Mike Young (Research Fisheries Biologist, USDA Forest Service, Rocky Mountain Research Station)***
9:15 am	*Effects of fire on invasive plant succession* ***Brian Wallace (Range Soil Ecologist, British Columbia Government, Ministry of Forests)***
9:35 am	*Sediment production following severe wildfire and post-fire salvage logging (or other work)* ***Uldis Silins (Professor, University of Alberta, Agricultural Life and Environmental Sciences)***
9:55 am	*Guidance for Canfor around fire salvage, incorporating the most recent science on mitigating impacts on soils, water, and habitat and local forestry experience, as well as TEK, species-at-risk requirements etc., and work with the Ktunaxa to incorporate this in operations. –* ***Cathy Conroy and Kari Stuart-Smith***
10:15 am	*Break out Group Exercise*
10:35 am	*Break*

Session 5: Fire and Communities ***Moderator: Dennis Madsen***	
10:50 am	*Observations and myths about public perceptions of fire and fire management* ***TBD***
11:10 am	*Air Quality* ***TBD***
11:30 am	*Fire Smart – Implementation recommendations for managers* ***Laura Stewart***
11:50 am	*Break out Group Exercise*
12:10 pm	*Close out – Review all session summaries – Discuss needs for any follow ups that came out of the meeting*
12:30 pm	*Travel home (lunch on your own)*