



The Crown Managers Partnership Presents:

Fire in the Crown of the Continent

March 22nd-26th, 2021

FORUM OBJECTIVES

- Deepen understanding of past, present, and future Traditional Knowledge of fire and its use in the Crown;
- Present current understandings of how and why fire regimes and intensities are changing
- Integrate climate change and fire and explore 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

March 22nd: *Fire Past and Future: Fact, Fiction, and Uncertainty*

March 23rd: *Traditional Knowledge and Active Fire Use in the Crown*

March 24th: *Fire in the Human Environment*

March 25th: *Fire Management in Practice: Obstacles, Implementation and Successes*

March 26th: *Fire in Terrestrial and Aquatic Systems*

March 22nd: Fire Past and Future: Fact, Fiction, and Uncertainty

Moderator: Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)

8:30 - 8:40am MT	Opening Remarks – Land Acknowledgement	Marty Williams (K'tunaxa Nation Council)
8:40-8:50	CMP Overview and forum objectives	Mary Riddle (Chief of Planning and Compliance, Glacier Park)
8:50-9:00	Getting to know partners and the platform!	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
9:00-9:30	Interacting interactions: effects of climate change on forest vegetation and wildland fire in the Northern Rockies	Bob Keane (Research Scientist, US Forest Service, Rocky Mountain Research Station)
9:30-10:00	Wildland fire deficit and surplus in the western North America	Marc-Andre Parisien (Research Scientist, Canadian Forest Service)
10:00 - 10:10	Break	
10:10 - 10:40	Disrupted Fire Regimes in the Canadian Montane Forests	Lori Daniels (Professor, Faculty of Forestry, University of British Columbia-Vancouver)
10:40 - 11:10	Group Discussion - 20min in break out rooms, 10 min in full group	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
11:10 - 12:10	Fire in the Dry Forest: A Pilgrim's Progress	Don Gayton, M.Sc, P.Ag (Keynote Speaker, Consulting Ecologist and Writer)

March 23rd: Traditional Knowledge and Active Fire Use in the Crown
Moderator: Mike Durglo (Department Head, Historic Preservation Department, Confederated Salish and Kootenai Tribes)

8:30 - 8:40	CMP Overview and forum objectives	Mary Riddle (Chief of Planning and Compliance, Glacier Park)
8:40 - 8:55	Overview of the Previous Day	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
8:55 - 9:05	Getting to know partners and the platform!	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
9:05- 11:05	Traditional Knowledge, Panel: Past, Present, and Future use of fire on the land	<ul style="list-style-type: none"> · Mike Bruised Head (Ninnaa Piiksii) · Marty Williams (K'tunaxa Nation Council) · Tony Harwood (Land Resource Consultant) -Monique Wynecoop (Fire Ecologist, USFS)
11:05-11:15	Break	
11:15 -11:45	Building Resilience in Dry Forests of the East Kootenays: Planning, Operations, and Lessons Learned	<ul style="list-style-type: none"> Julie Couse (Director, Lands and Natural Resources, ?aq'am) Bob Gray (Fire Ecologist, R.W. Gray Consulting)
11:45 - 12:15	Fire With Fire: Braiding Indigenous and scientific knowledges of fire management to enhance climate change resilience in Alberta	Laura Lynes (Co-founder and President, The Resilience Institute) & Elliot Fox (Indigenous Community Liaison, The Resilience Institute)
12:15-12:45	Group Discussion	Mike Durglo (Department Head, Historic Preservation Department, Confederated Salish and Kootenai Tribes)

March 24th: Fire in the Human Environment

Moderator: Chad Willms (Director, Land and Environmental Planning South, Alberta Environment & Parks)

8:30 - 8:40	CMP Overview and forum objectives	Mary Riddle (Chief of Planning and Compliance, Glacier Park)
8:40 - 8:55	Overview of the Previous Day	Mike Durglo (Department Head, Historic Preservation Department, Confederated Salish and Kootenai Tribes)
8:55 - 9:05	Getting to know partners and the platform!	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
9:10 - 9:40	Observations and myths about public perceptions of fire and fire management	Sarah McCaffrey (Research Social Scientist, USDA Forest Service, Rocky Mountain Research Station)
9:40 - 10:10	The Challenge of More Smoke	Peter Lahm (Air Resource Specialist, USDA Forest Service)
10:10 - 10:20	Break	
10:20 - 10:50	Barriers to use of prescribed and wildfire	Sarah McCaffrey (Research Social Scientist, USDA Forest Service, Rocky Mountain Research Station)
10:50 - 11:20	Group Discussion	Chad Willms (Director, Land and Environmental Planning South, Alberta Environment & Parks)
11:20 - 12:00	virtual poster session	

March 25th: Fire Management in Practice: Obstacles, Implementation and Successes

Moderator: Vita Wright (Science Application Specialist, Rocky Mountain Research Station)

8:30 - 8:40	CMP Overview and forum objectives	Mary Riddle (Chief of Planning and Compliance, Glacier Park)
8:40 - 8:55	Overview of the Previous Day	Chad Willms (Director, Land and Environmental Planning South, Alberta Environment & Parks)
8:55 - 9:05	Getting to know partners and the platform!	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
9:05 - 9:35	Regional trends in burn severity, tree regeneration and reburns in the Northern Rockies	Brian Harvey (Assistant Professor, School of Environmental and Forest Sciences, University of Washington)
9:35 - 10:05	Managing Wildland Fire for Landscape Benefit and Beyond	Mike Munoz (District Ranger, Helena Lewis & Clark National Forest; CMP Steering Committee member)
10:05 - 10:15	Break	
10:15 - 10:45	Program and Tools for Integrating local objectives with incident management	Tami Parkinson (Fire Management Specialist – Wildfire, USDA Forest Service, Rocky Mountain Research Station)
10:45 - 11:15	British Columbia Ecosystem Restoration Program	Al Neal (Senior Ecosystem Restoration Specialist, BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development)
11:15 - 11:45	Group Discussion	Vita Wright (Science Application Specialist, Rocky Mountain Research Station)

March 26th: Fire in Terrestrial and Aquatic Systems

Moderator: Sean Finn (USFWS)

8:30 - 8:40	CMP Overview and forum objectives	Mary Riddle (Chief of Planning and Compliance, Glacier Park)
8:40 - 8:55	Overview of the Previous Day	Vita Wright (Science Application Specialist, Rocky Mountain Research Station)
8:55 - 9:05	Getting to know partners and the platform!	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
9:05 - 9:35	Wildfire impacts to water in the Rocky Mountains: How much can we generalize?	Uldis Silins (Professor, Agricultural Life and Environmental Sciences, University of Alberta)
9:35 - 10:05	Restoring Native Fescue Prairie Using Fire and TEK in Waterton Lakes National Park and the Blood Timber Limit	Cristina Eisenberg, PhD (Oregon State University)
10:05- 10:45	Break	
10:45 - 11:15	Post-Wildfire Seeding in a Low Elevation Dry Forest and a Decade of Vegetation Monitoring	Eleanor Bassett, M.Sc, P.Ag. Rangeland Research Ecologist, Ministry of Forests, Lands, Natural Resource Operations, and Rural Development
11:15 - 11:45	Best Fire Management Practices for Endangered Pines in the Crown of the Continent	Michael Murray (Forest Pathologist, BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development)
11:45 - 12:15	Group Discussion	Sean Finn (USFWS)
12:15 - 12:30	Week Summary	Anne Carlson (Senior Climate Adaptation Specialist, The Wilderness Society)
12:30 – 12:40	Close of the Forum	Marty Williams (K'tunaxa Nation Council)

Thank you to the Forum Planning Team

Kendall Benesh, East Kootenay Invasive Species Council

Anne Carlson, The Wilderness Society

Rob Davies, USDA Forest Service

Mike Durglo, Confederated Salish Kootenai Tribes

Randy Harris, Wandering Ecotone

Linh Hoang, USDA Forest Service

Todd Larsen, BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development

Dennis Madsen, Waterton Lakes National Park

Mike Munoz, USDA Forest Service

Matt Rance, Waterton Lakes National Park

Kari Stuart-Smith, Canadian Forest Products Ltd.

Vita Wright, Northern Rockies Fire Science Network

