Wildland Fire Canada Conference & Candian Smoke Forum
Edmonton, AB, Canada
October 31-November 4, 2022
DRAFT PROGRAM SCHEDULE

Monday, October 31

9:00 - 10:00	WORKSHOP REGISTRATION					
	WORKSHOPS & ATTACHED MEETINGS					
	Leduc Room	Meeting Room 2	Meeting Room 3	Meeting Room 4	Meeting Room 5	Meeting Room 6
10:00-12:00	Burn-P3+: A new multi-model burn probability simulator based on Burn-P3 Instructors: Chris Stockdale, Natural Resources Canada Shreeram Senthivasan, Apex RMS Leonardo Frid, Apex RMS	Attached Meetings	Attached Meetings	Attached Meetings	Attached Meetings	Attached Meetings
12:00-1:00	Lunch (on your own)					
	WORKSHOPS and ATTACHED MEETINGS					
	Leduc Room	Chairman Room	Chancellor Room	Meeting Room 4	Meeting Room 5	Meeting Room 6
1:00-5:00	Wildfire Predictive Services: Applied Science for Operational Fire Support Instructors: Sam LaCarte - Fire Science Analyst - Canadian Forest Service Brett Moore - Wildfire Applications Developer - Canadian Forest Service Justin Beckers - Fire Analyst - Canadian Forest Service	Modelling conifer fuel treatments with the Canadian Conifer Pyrometrics System Instructor: Daniel Perrakis, Canadian Forest Service, Pacific Forestry Centre	In-depth Introduction to QUIC-Fire Instructors: Alexander Josephson, Daniel Thompson, Rodman Linn, Los Alamos National Laboratory	Attached Meetings	Attached Meetings	Attached Meetings
5:00- 700	Regiception (registration/welcome reception)					

Tuesday, November 1

7:00-8:30	REGISTRATION				
8:30 - 9:15	Welcome and Opening Remarks **Kehteya Betty Letendre,** Cree-Métis Elder & **Senior Officials -** NRCan & Alberta				
9:15 - 10:15	Keynote: Challenges and Opportunities of Wildland Fire Management in the 21st Century Moderator/Introduction: **Amy Cardinal Christianson** **Marc-André Parisien**, Research Scientist, Canadian Forest Service **Jane Park**, Fire and Vegetation Management Specialist, Banff Field Unit, Parks Canada				
10:15 - 10:45	Networking with Exhibitors				
	SMOKE FORUM	Fuel Mapping	Deep Dive	Post-Burn Recovery	Deep Dive
10:50 - 11:10	The Global Forest Fire Emissions Prediction System Kerry Anderson	Using smartphones to characterize ground and canopy fuels Hilary Cameron	Four principles for transdisciplinarity: Applying perspectives from early career researchers on the future of fire research and management Jen Baron, Kate Kitchens, Kelsey Copes-Gerbitz, Sarah Dickson-Hoyle	The Influence of Post-Fire Recovery and Environmental Conditions on Boreal Wildlife Forage Alexis Jorgensen	Introducing FireSmart Alberta: 2022-2024 Strategic Plan & Community Wildfire Resilience Scorecard Project Michael Flynn
11:10 - 11:30	Impact of fire emissions properties observed during FIREX-AQ on pyrogenic ozone and fine particulate matter simulated by a regional chemical model Megan Bela	Fuel Type Mapping with Remote Sensing and Machine Learning Ashlin Richardson		Vegetation Response to a Natural Gas Pipeline Rupture Fire in Canada's Montane Cordillera Sonja Leverkus	
11:30- 11:50	ECCC's FireWork wildfire air quality forecast system – operational system update and recent research on modelling fire impact on regional weather Jack Chen	National forest attributes mapping for fuel mapping and forest resilience Luc Guindon		Impacts of fire and salvage logging on boreal understory vegetation 20 years post-disturbance Kaysandra Waldron	
11:50 - 12:10	Towards an improved understanding of carbon monoxide emissions from forest fires Debora Griffin	Classifying forest fuels with fuel inventory data in fire-prone ecosystems of Alberta Nathan Phelps		Impact of fire on grassland productivity and diversity Dinyar Minocher, Roy Vera-Velez	
12:10-2:00	Poster Session & Lunch (provided)				

POSTER PRESENTATIONS

Fire severity drives understory plant community dynamics and the recovery of culturally significant plants following a 2017 megafire in British Columbia Sarah Dickson-Hoyle	Influence of mountain pine beetle kill on subsequent fire likelihood in British Columbia, 2001-2021 Chris Stockdale	Altered Fire Regimes: Using Models to Project Future Wildfire Potential in British Columbia Leona Shepherd	Effects of Forest Density on Initial Attack Success: Predicting Wildfire Escape With Information Derived from Oblique Aerial Photography Andrew Stack	Wildfire containment objectives and modelling strategies: a case study in Ontario, Canada Kennedy Korkola, Melanie Wheatley
Distribution of fire fuels using multi-spectral airborne lidar within a mountain pine beetle attacked forest chronosequence Laura Chasmer	Advances in Modeling Wildfire Air Quality Events using Remotely-sensed Data Susan O'Neill	Identification of factors influencing arrival times between the detection and initial attack by helitack crews on wildfires in Quebec Frédéric Brunet	Fire fuel distribution associated with mountain pine beetle (MPB) using drones Saeid Parsian	Exploring the Influence of Seismic Lines on Key Wildfire Influences Tori Green-Harrison
A simple operational greenup model for Canada's forests and grasslands Dan Thompson	Bison bison and Bison athabascae pre-European expansion and contraction: background for fire, climate and reintroduction Cecil Frost	Does Wildfire Exposure Influence Corporate Disaster Preparedness? A Study of Extractive Firms in Canada's Boreal Region François-Nicolas Robinne	Exploring operational tactics for safe and efficient forest fuel treatments William Todd	On the use of high-resolution simulations of experimental burns to inform instrumentation placement Christopher Rodell
An illustration of the use of stand density management diagrams as an aid for fuel management prescriptions Stefana Dranga, Steve Taylor	Estimating Landscape Flammability Patterns for Prescribed Burning in Mountainous Terrain Using a Sub-canopy Microclimate Model Adam Leavesley	Evaluating the impact of opening an overstory canopy on in-stand microclimates and surface fuel moisture Steven Hvenegaard	Wildfire containment: The effects of eastern spruce budworm on initial attack effectiveness Kennedy Korkola	Prescribed burning as a restoration tool for white and red pines Sylvain Gagnon
Kicking and Screaming or Waltz In: The Changing Role of Wildfire to All Hazards and Best Practices Daryl Black	Future grass fire activity in Canada Dan Thompson	Crown fire risk demonstrates a need for fuels management in interior Douglas-Fir forests Georgina Preston, Mike Stefanuk	WC to BC: Fighting fire in Canada vs South Africa Albert Falanga	Predicting Demand for Wildfire Suppression Resources Ilbin Lee, Yasser Zeinali
How do the spatial legacies of mountain pine beetle outbreaks affect fire severity in Canadian lodgepole pine forests? Doriana Romualdi	Flame front consumption rates of dead woody fuel Patrick Deane	Impacts of repeat wildfire on forest regeneration in interior British Columbia Natalie Maslowski	The Nightlife of a Thermal Operator: 140 fires in 30 days Cameron Pierce, Corey Hughes	Restor(y)ing the Hat Creek Valley Arial Eatherton

POSTER PRESENTATIONS

Quantifying the impacts of post-fire regeneration in peatlands with anthropogenic disturbance across a peatland fire chronosequence Laura Chasmer	Forward Rate of Growth Sensors (FROGS) Kris Johnson, Yanik Freeman	Wildfire and Critical Incident Stress Management (CISM) Karen Powell	What Does Right Look Like for Today's Wildfire Leaders? A Practitioner's Perspective Daryl Black	Synthetic Controls for Comparative Wildfire Policy Analysis: The Case of Italy and the 2015 Madia Law Johannes Kirschner, Judith Kirschner
Recent advances in understanding suppressants used in direct-attack aerial operations Razim Refai	Diverging patterns in recent fire activity between western and eastern North American boreal forests. Raphael Chavardes	The wildland fire environmental characteristics associated with historical wildland fire evacuations in the province of Ontario, Canada Kendriah Pearse	Real-Time, Wireless Sensor Based Wildfire Detection and Monitoring System Christopher Krstanovic	The influence of extreme wildfire experience on preparedness in Portugal: the perspective of enterprises Fantina Tedim, Fernando Jorge Correia
Detecting the influence of landcover factors on fire containment in the Boreal Forest Region of Alberta Siqi Mo	Understanding early post-fire regeneration of a montane forest under moist and dry conditions using integrated field and remote sensing approaches Laura Chasmer	Planning for Change: Shaping Wildland Fire Culture for the Future Emny Moghrabi	Predicting daily initial attack aircraft targets in British Columbia Stephen Taylor	Understanding the role of aspen on fire dynamics in southern British Columbia at a landscape scale through simulation modelling Jocelyne Laflamme
Modelling subcanopy microclimates and fuel moisture across different forest types Dan Thompson, Daniel Perrakis, Derek Van Der Kamp, Mike Wotton	Where there is smoke there is mercury: Assessing boreal forest fire mercury emissions using aircraft. Uncertainties of upscaling emissions estimates David Mclagan	Economics of wildfire suppression: Estimation of drivers of suppression expenditure and Risk preference experiments with wildfire management Michael Huang	Assessing impacts of climate change and human population growth on forest fire potential in the tropics: case of the Tain II Forest Reserve in Ghana Eric Osei-Kwarteng	

	SMOKE FORUM	Ignite Talks	Suppression	Deep Dive
2:00 - 2:20	Reconciling the total carbon budget for boreal forest wildfire emissions using airborne observations Katherine Hayden	Wildfire Evacuations in Canada 1980-2021 - Amy Cardinal Christianson, David Young, Heather Macdonald, Lynn Johnston Using mirco-drones to plan wildfire fuel treamtents - Thomas Martin Why is There Such a Limited Consensus on the Impacts of MPB-outbreak on Fire Behaviour? - Sophie Wilkinson	Technical Efficiency of Wildfire Suppression in Alberta: A Stochastic Frontier Analysis Kalli Herlein	Crowd sourcing bold ideas for wildfire risk reduction in our changing climate Jen Beverly, Neal Mcloughlin
2:20 - 2:40	A comparison of the Briggs and Cross-Wind Integrated Plume Penetration (CWIPP) smoke parametrization models within the BlueSky Canada smoke forecasting Christopher Rodell	Wildland fire risk and consequences: Wildland-housing intermix, land cover, and landscape fuel treatment effectiveness - Brice Hanberry Unexpectedly capturing historical Douglas-fir woodlands - Brice Hanberry Understanding the controls on Organic Soil distribution, Thickness and Soil Moisture dynamics in Headwater Catchments of the Boreal Plains - Scott Ketcheson, Tori Green-Harrison	Hoseline productivity model for initial attack crews in Ontario and Quebec Anne Cotton-Gagnon	
2:40 - 3:00	Canada's Wildfire Smoke and Health communications Celine Audette	Alberta's Ai/Ml Wildfire Occurrence Prediction Tool - Ed Trenchard Fire exclusion dissolved the grassland-tree barrier in North America - Brice Hanberry Downscaling Fire Weather Indices in the Pacific Northwest Heat Dome, 2021 - Liam Buchart	Estimating the impact of suppression resources on initial attack success Ilbin Lee	
3:00 - 3:20	Daily and Hourly Exposure to Wildfire Smoke and PM2.5 and Cognitive Performance in a Brain-Training Game: A Longitudinal Study of US Adults Stephanie Cleland	Community scale fire vulnerability models for buildings at the wildland urban interface - Ahmad Abo El Ezz Decision Hygiene for Wildfire Managers - Jonathan Reimer Environmental History of Wildfire Smoke in Canada and Norway - Mica Jorgenson	Climate change impacts on suppression team workload Jesus Pascual Puigdevall, Jonathan Boucher, Yan Boulanger	Fishbowl: Equity, Diversity and Inclusion in Fire Management Heather Simpson, Amy Cardinal Christianson, Natasha Caverley
3:20 - 3:40	Wildfire smoke risk perceptions and protective actions: Results of a survey in Western Canada Tara McGee	Government of Alberta Wildland Urban Interface Program - Kevin Hunt, Todd Lynch Interactions within the climate-vegetation-fire nexus may transform 21st century boreal forests in northwestern Canada - Martin Girardin Overnight burning fires in North America - Kaiwei Luo	Modelling initial attack containment on forest fires suppressed by air attack in Ontario Melanie Wheatley	
3:40 - 4:00	The Canadian Optimized Statistical Smoke Exposure Model (CanOSSEM) Naman Paul	Success in Survival: Navigating the 2021 wildfire season in the southern interior of B.C. - Kevin Skrepnek Landscape factors drive fuel moisture variability; implications for wildfire danger and behaviour - Kerryn Little Wants versus Needs – A Look at Public Opinion from a Community Forest Experience - Garnet Mierau Comparing statistical and machine learning methods for wildland fire occurrence prediction: Studying human-caused fires in Lac La Biche, Alberta - Nathan Phelps	Coupling fire intelligence models to fire growth modelling through Firehawk Jonathan Boucher	
4:00 - 4:30	Networking with Exhibitors			
4:30 - 5:30	Keynote: Human Health and Safety Moderator/Introduction: Kerry Anderson Sarah Henderson, Senior Environmental Health Scientist at the BC Centre for Disease Control Natasha Broznitsky, BC Wildfire Service			
5:30 - 7:30	Exhibitor Social			
7:45 -	Afterhours Networking			

	Wednesday, November 2			
7:00 - 8:30	REGISTRATION			
8:30 - 9:00	Welcome back, Opening Remarks & Award Presentation			
9:00 - 10:00	Panel Session: Fostering Pyrodiversity through Knowledge Exchange Moderator: **Kelsey Copes-Gerbitz** Panelists: **Oliver Costello**, FireSticks Alliance, Australia **Amanda Monthei**, Life with Fire podcast, former hotshot **Lori Daniels**, Professor, University of British Columbia and NSERC-Canada Wildfire Strategic Network **Alex Zahara**, Prince Albert Grand Council			
10:00 - 10:30	Networking with Exhibitors			
	Fire Weather	**Indigenous Perspective**	**Governance/Policy**	**Ecosystem Impacts**
10:35 - 10:55	Variability of fire weather indices across Canada and linkages with atmospheric blocking events and their patterns Jonathan Durand	Wildfire and the Métis Nation Dane De Souza	Wildfire Governance in Portugal: from a fixed to a flexible approach Fantina Tedim	What are we talking about when we talk about insect-fire interactions? Patrick James
10:55 - 11:15	New Understandings Arising from Australia's Black Summer Rick McRae	Understanding fire management at Walpole Island First Nation to empower local communities and inform Parks Canada's habitat restoration programs Clint Jacobs, Leonardo Cabrera	Research utilisation in the fire sector: an Australian fire agency example Sarah Harris	Novel disturbance synergies: the potential for subcortical insect outbreaks after widespread wildfires in dry interior forests Kate Kitchens
11:15 - 11:35	Improving Fire Weather Forecasts Christopher Rodell	Towards 'true partnerships' in wildfire management: lessons from Secwepemcúl'ecw, British Columbia Char John, Sarah Dickson-Hoyle	The wildland fire science ecosystem in Canada: how the past has shaped current interrelationships and opportunities to address a future with more wild Cordy Tymstra	Peatland soil combustion: Quantifying and improving understanding of soil carbon losses during wildland fire using multi-temporal lidar data Kailyn Nelson
11:35 - 11:55	Forest Fire Hazard in Canada: Monitoring and Analysis of Weather Conditions and Forest-Weather Indices in the Context of the 2022 Fire Season Clémence Benoit	The right to burn: Barriers and opportunities for Indigenous-led fire stewardship in Canada Kira Hoffman, Amy Cardinal Christianson	Fire governance at provincial and local scales in British Columbia, Canada: Where have we come from and where are we going? Kelsey Copes-Gerbitz	Wildlife vs. Domestic Fire: Competing Paradigms in Northern Alberta Land Management Patricia McCormack
12:00 - 1:30	Lunch (on your own)			
	Canadian Prairies on Fire	**Indigenous Perspective**	**Fire and Climate**	**Mitigation**	**Manitoba Room**
1:30 - 1:50	Estimating Wildfire Rate of Spread in Grasslands Marty Alexander Grassland Wildfire Operations Steve Otway Recent Advances in the Use of UAVs for Monitoring Grass Fires Jeff Boisvert Ecological Effects of Fire on Grassland Vegetation and Soils John Wilmshurst Disturbance Driven Heterogeneity Using Prescribed Fire in Native Grasslands Dale Gross The Art & Science of Prescribed Burning in Grasslands Dinyar Minocheer	The National Indigenous Wildland Fire Working Group: An Overiew David Young	Fire, climate change and boreal forest dynamics in eastern Canada during the Holocene: evidence for current abrupt changes Jonathan Lesven	It takes more than just Money - Helping Communities Reduce the Risk of Wildfire Rick Arthur, Sherry Norton	FireSmart Community Wildfire Resiliency Challenge Kelsey Winter, Amanda Reynolds, Helena Marken, Joel Hamilton
1:50 - 2:10		Building Wildfire Resilience in Mi'kma'ki Evan Fougere, Scott Macdonnell	Wildfire in the boreal forest of Eastern Canada for the past 6,000 years: Testing hypotheses with dynamic vegetation modeling Jed Kaplan, Martin Girardin	Wildfire Risk Reduction Efficacy and Research in British Columbia Community Forests Dave Gill, Garnet Mierau, Lori Daniels	
2:10 - 2:30		Prince Albert Grand Council Wildfire Resilience Initiative: Lessons from First Nations-led Wildfire Research in northern Saskatchewan Denise McKay, Jordan Twist, Samantha Waditaka, Stewart Rachel		Climate Change Adaptation and Mitigation Strategies for Fire Management in the National Parks of Canada Gregg Walker	
2:30 - 2:50		Decolonizing Wildfire management research from Indigenous Perspectives and its effectiveness in Indigenous communities Ranjan Datta	The State of Forest Fire History Research from Tree Rings Jill Harvey	Development and use of the Canadian Wildland Fuel Management Knowledge Base (CWFMKB) and national Panel – a demo Dave Schroeder, Greg Baxter, Kasia Humphreys	
2:50 - 3:10		Cultural Burning and the Burning Platform Francis Johnson, Gord Chipman	Future wildfire extent and frequency determined by the longest fire-conducive weather spell Xianli Wang	Are current fuel reduction strategies successfully mitigating risk of catastrophic wildfire in rural communities in British Columbia, Canada? Kea Rutherford	
3:10 - 3:30		Colonial land management systems are barriers to First Nation community wildfire mitigation in interior British Columbia Georgina Preston	Fire regime transitions through the 20th century reveal fire deficits and illustrate a need for landscape-level adaptive management Jen Baron	Assessing the Feasibility of Meeting Target Fuel Loadings for Wildfire Reduction in North-Central British Columbia Brianna Brochez	
3:30 - 4:00	Networking with Exhibitors			
	Remote Sensing/WildfireSat	**Training/Education**	**Response Management**	**Characterizing fuels with remote sensing**
4:05 - 4:25	WildFireSat: The Canadian Operational Mission Alan Cantin	Resilient Minds- Building the Psychological Strength of Wildfire Fighters Erik Hanson	Lessons Learned from Recent Wildfire Evacuations in California Stephen Wong	Using pre- and post-fire lidar data and Landsat normalized burn ratio to determine loss of biomass in a boreal peatland-upland complex Laura Chasmer
4:25 - 4:45	The CEOS Wildfire Pilot: towards the definition of global priorities for active fire monitoring using satellite Earth Observation Mark De Jong	Prescribed Fire Exchange Network- A tool for prairie conservation Carol Baldwin, Dinyar Minocher	An optimization framework for the design of evacuation networks to support communities threatened by wildfire Valérie Bélanger	Maximizing LiDAR data to characterise wildfire fuels and inform risk management Joanna Wand, Luc Bibeau
4:45 - 5:05	Numbers in Space: comparing the costs of WildFireSat to its potential benefits Emily Hope, Lynn Johnston	Lessons learned from conducting wildfire training during a global pandemic Kelsy Gibos	Co-management during Crisis: Insights from Jurisdictionally Complex Wildfires Branda Nowell, Toddi Steelman	Incorporating terrestrial laser scanning (TLS) into the paradigm of 3D fuel extraction Zhouxin Xi
5:10-5:30		Amy and Tim's Everything We Know About Fire: Episode 1 - Oh, Canada Amy Cardinal Christianson, Tim Brown		High Resolution Wildfire Fuel Mapping using Aerial Laser Scanning (ALS) Data Patrick Robinson
6:00 - 10:00	Tribute to Treaty 6 Community Feast			

	Thursday, November 3			
8:00 - 8:30	**REGISTRATION**			
8:30 - 9:00	**Welcome back, Opening Remarks & Award Presentation**			
9:00 - 10:00	**Panel Session: Community Wildfire Resilience** Moderator: **Tara McGee**, Professor, Faculty of Science – Earth & Atmospheric Sciences, University of Alberta Panelists: **Westley Steed**, Wildfire Risk Management Coordinator, Forest Management Division, Government of the Northwest Territories **Ray Ault,** Director of Prevention and Mitigation, Canadian Interagency Forest Fire Centre **Michelle Vandevord**, President, Indigenous Fire Safety Council **Cliff Buettner**, Program Director, Prince Albert Grand Council			
10:00 - 10:30	**Networking with Exhibitors**			
	Modelling Fire Occurance/Severity	**Fire Weather**	**WUI**	**Shifting Fire Returning Intervals**
10:35 -10:55	Pre-fire landscape disturbance and land cover influence wildfire burn severity patterns during extreme fire seasons in British Columbia, Canada Mathieu Bourbonnais	Considerations for choosing an interpolation method and visualization scheme to aid in interpreting the Fire Weather Index when mapped Kevin Granville	Factors influencing adoption of residential wildfire mitigation measures: a scoping review Sarah Cowan, Zak Linley	Historical repeat photography for mapping post-fire regeneration in Kluane National Park and Reserve Caitlin Mader
10:55 - 11:15	An introduction to Burn-P3+, A new multi-model burn probability simulator based on Burn-P3 Chris Stockdale	Atmospheric evaporative demand in relation to wildland fire Tim Brown	Research on structure ignition in the wildland urban interface in BC Greg Baxter, Kelsey Winter	Ecological impacts of diminishing fire return intervals on Boreal peatlands using integrated in situ field sampling and time series lidar Emily Jones
11:15 - 11:35	Time-lagged and cumulative effects of moisture availability on burn severity in the Boreal Shield Jack Goldman	Fire weather and fuel drivers of daily wildfire growth in Canadian forests Ellen Whitman	When Sh*t Gets Real and a Wildfire Tests your Interface Landscape Shaded Fuel Break! John Davies	Aspen recruitment response to the Chuckegg Creek Fire, Alberta Denyse Dawe
11:35 - 11:55		Quantifying the relationship between area burned and extreme fire weather in Canada Piyush Jain	The effect of interface fuels on house loss in western Canada Luke Collins	Restoring Fire to Alberta's Iconic Foothills Rick Arthur
12:00 - 1:30	**Lunch (on your own)**			
	Modelling Fire	**Risk Assessment**	**Knowledge Exchange**	**Session Four**
1:30 - 1:50	Operational evaluation of FireCast, an online spatial fire growth modelling application Dave Schroeder	Mapping wildfire risk to Canada's drinking water security François-Nicolas Robinne	Biomass Burning in Canada (BBCan): Addressing Climate and Air Quality Health Impacts Jonathan Abbatt	Panel Discussion: Lessons Learned through Wildfire Risk Management Planning Dale Thomas, Erik Leslie, Garnet Mierau, Kate Bezooyen
1:50 - 2:10	Subdaily fire progression mapping through interpolation of multisource hotspot data Piyush Jain, Quinn Barber	Mapping Wildfire Risk for Canadian Communities Sandy Erni	A case-study of knowledge exchange: in the development and integration of the Canadian Forest Fire Danger Rating System in Ontario, Canada Colin McFayden, Dan Johnston, Lynn Johnston	
2:10 - 2:30	In-depth Introduction to QUIC-Fire Alexander Josephson, Daniel Thompson, Rodman Linn	Wildland Fire Analysis: a northern perspective on assessing fires with limited resources Kris Johnson	What does knowledge exchange look like in fire research and management? Lynn Johnston	
2:30 - 2:50	FireCast: A fully automated wildfire modelling software service Robert Bryce	Wildfire Mitigation Scenarios for the Thompson-Okanagan Region of British Columbia: Assessing Social-Ecological Trade-offs Renee Larsen	Silver Linings. How Archaeology can be used Successfully in the Face of Wildfire Deforestation Dylan Frank, Jennifer Ayles	Modeling subgrid moisture and temperature in low intensity fire: A novel approach coupling solid and gas phases Ginny Marshall
2:50 - 3:10	A ten-year journey to sustainable fire growth modelling in Canada Brett Moore, Franco Nogarin, Neal Mcloughlin	Powerlines and Wildfire Risk - Understanding and Responding John Stechyshyn	Post-burn Archaeological Surveys in Riding Mountain National Park Desmond Mentuck, Donalee Deck, Shannon Landels	Burning rate of porous fuel beds with controlled ventilation Sara Mcallister
3:10 - 3:30		Spatial configuration and directional assessment of landscape fire exposure Air Forbes		Analysis of firebrand patterns from historic experimental fire footage Dan Thompson
3:30 - 4:00	**Networking with Exhibitors**			
4:00 - 5:00	**Keynote: New Knowledge of Wildland Fire-Climate-Society Interactions** **Moderator: Jonathan Boucher** (CFS) **Panelists:** **Christopher (Kit) O'Connor,** Research Ecologist, USDA Forest Service Rocky Mountain Research Station Human Dimensions Program **Tanya Letcher,** Provincial Fire Behaviour Analyst, Alberta Wildfire **Pierre Martel,** National Fire Management Officer, Parks Canada			
	Friday, November 4			
9:00-3:00	**Field Trip:** Bison, Blueberries, and Burning: Cultural fire in Treaty 6 territory			