Program Schedule

WF 2026 CC SASKATOON +CANADIAN SMOKE FORUM

Monday, October 19					
8:00 AM	**WORKSHOP REGISTRATION**				
	WORKSHOPS				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery Suite 1**	
9:00 - 11:00	**Walking with Indigenous Fire Guardians: Stories, Stewardship and Solidarity** *Amy Christianson*	**BurnP3+: Advancing Wildfire Hazard Assessment with a Multi-Model Simulation Framework** *Leonardo Frid and Chris Stockdale*	**Rural Engagement and Evacuation Reluctance - Sharing Experiences, Shaping Policy** *James Whitehead and Yolanda Clatworthy*	**Mobilizing Knowledge and Connecting to Your Audience** *Shelagh Pyper and Kelsey Copes-Gerbitz*	
11:00 - 11:15		**Transition / Break**			
		Gallery B	**Blair Nelson Room**	**Gallery Suite 1**	
11:15 - 1:15		**Canadian Living Lab Network: A network of Physical Spaces for Wildland Fire Research, Innovation and Gathering** *Adam Johnston*	**EXP100 Wildfire Exposure and Directional Vulnerability Assessments: Methods and Applications** *Air Forbes and Sarah Wild*	**Mapping information needs for wildland firefighter health: The Wildland Firefighter Science Needs Assessment** *Arielle Milkman and Luke Montrose*	
	Centennial ABC (lower level)				
1:15 - 2:00	**Lunch (provided for workshop participants)**				
	Gallery A	**Gallery B**	**Blair Nelson Room**	**Gallery C**	
2:00 - 6:00	**Building Capacity for Prescribed Fire in Canada** *Jane Park and Mathieu Bourbonnais*	**Mapping Resilience: A Hands-On Workshop to Develop Canada's Wildfire Resilience Index** *Amelie Jeanneau*	continued.. **EXP100 Wildfire Exposure and Directional Vulnerability Assessments: Methods and Applications** *Air Forbes and Sarah Wild*	**FWI2025 – Introduction to the Next Generation Canadian Fire Weather Index System** *Natasha Jurko, Derek van der Kamp, Gabrielle Ayres*	
	Canadian Smoke Forum				
	Gallery D				
9:00 - 9:15	**Welcome and Opening Remarks,** *Brian Weins*				
9:15 - 945	**Keynote: Where there's Fire, there's Smoke: A history of smoke modelling in Canada** *Kerry Anderson, retired fire research scientist, Canadian Forest Service, Natural Resources Canada (NRCan)*				
9:45 - 10:00	**Break**				
	Communications Focused: Telling the story				
	Moderator: Jessica Broder				
10:00 - 10:15	Beyond the AQHI: Lessons for Improving Wildfire Smoke Communication and Public Response *Catherine Slavik*				
10:15 - 10:30	Using Air Quality Alerts to Estimate Population-Based Wildfire Smoke Exposure *Carlyn Matz*				
10:30 - 10:45	Personalizing Wildfire Smoke Action Plans *Emily Brigham, Mary Crocker*				
10:45 - 11:00	Using the Multiyear Wildfire Smoke Exposure (MultiWiSE) Metrics to Elucidate the Chronic Health Effects of Longer-Term Exposure in Canada *Stephanie Cleland*				
11:00 - 11:15	**Networking Break**				
	Gallery C			**Gallery D**	
	Impacts			**Health Focus**	
	Moderator:			Moderator:	
11:15 - 11:30	The Unplanned Impacts of Canadian Wildfire Smoke in The United States *Peter Lahm*			Nasal biomarkers as a means to monitor wildfire smoke health impact *Anthony White*	
11:30 - 11:45	Measuring the effect of smoke on economic activity using cell phone and credit card spending data *Jude Bayham*			Respiratory Hazard Mitigation Strategies in the BC Wildfire Service *Drew Lichty*	
11:45 - 12:00	Decolonizating Forest Fire Challenges and Land-Based Adaptations in Northern Canada: From Woodland Cree First Nation Perspectives *Colleen Charles*			Health Impacts of Wildfire Smoke in Canada *Carlyn Matz*	
12:00 - 12:15	Improving biomass smoke estimates in Canada: Updating CanOSSEM to characterize 22-year trends in population exposure to PM2.5 *Naman Paul*			Assessing Personal Smoke Exposure During Fireline Operations: Lessons Learned from Ontario's Exposure Monitoring Program *Susan Kidnie*	
12:15 -12:30	Transport Pathways and Impact of Smoke from Canadian Wildfires on Air Quality in the Midwestern and Northeastern United States *Sudheer R Bhimireddy*			Method development to evaluate public buildings as resilience centres during smoke episodes *Amanda Wheeler*	
	Centennial ABC (lower level)				
12:30 - 1:30	**Lunch (provided for Smoke Forum participants)**				
	Gallery D				
	Smoke Composition				
	Moderator: Chinyere Ottah				
1:30 - 1:45	How much carbon was emitted by the record-setting 2023 Canadian wildfires? *Debora Griffin*				
1:45 - 2:00	A Compound-Resolved Approach to Modeling Organic Aerosol *Dan Barthaux*				
2:00 - 2:15	Assessing and parameterizing emissions factors for wildfires in Canadian Biomes to better constrain atmospheric chemical transport modelling emissions *Daniel Lu*				
2:15 - 2:30	Representing Organic Soil Fire Emissions in the RRFS-Smoke model: Implementation and Performance Assessment *Johana Romero Alvarez*				
2:30 - 2:45	Black Kite in Action: High-resolution, real-time, drone-based observations of smoke composition variability during a prescribed fire *Zahra Dorbeigi Namaghi*				
2:45 - 3:00	**Break**				
3:00 - 3:15	A Canadian Effort to Quantify Pollutants in Wildfire Smoke – The BBCan Fire Lab Study *Rowshon Afroz*				
3:15 - 3:30	Developing emission factors for residual smouldering combustion of coarse woody debris – filling an important data gap *Fabienne Reisen*				

3:30 - 3:45	Integrated Physiological Stress in Wildland Firefighters: Linking Workload Demands, Smoke Exposure, and Reproductive Health Outcomes *Luke Montrose*				
	Modeling				
	Moderator: Stephanie Cleland				
3:45 - 4:00	Visualizing Wildfire Plume Structure Using NEXRAD-Derived Range-Height Indicator Plots *Lyndsey DeMarco*				
4:00 - 4:15	Ensemble Rapid Update Cycle Forecasting for Real-Time Bushfire Smoke Intelligence *Fabienne Reisen*				
4:15 - 4:30	Fire Injection Height Effects on UFS-Aerosols Smoke Forecasts During the 2017 Canadian Wildfires *Gonzalo Ferrada*				
4:30 - 4:45	Recent Development of Environment Canada's FireWork Wildfire Air Quality Forecast System *Kerry Anderson*				
4:45 - 5:00	**Smoke Forum Closing Remarks**				
	Monday, October 19				
5:00 - 6:00	**Early Registration check-in** *(Skip the lines on Tuesday morning)*				
	Tuesday, October 20				
7:30 - 5:00	**Registration Desk Hours**				
	Salon B/C				
8:30 - 9:30	**Welcome and Opening Remarks:** *Moderator Alex Zahara* Drum Group Ironswing Grand Chief Brian Hardlotte, Prince Albert Grand Council Trevor Howard, IAWF President, Conference Co-Chair Marlo Pritchard, President and Fire Commissioner of the Saskatchewan Public Safety Agency (SPSA) Alex Zahara, PhD, Researcher, Reciprocity Ecology and Diversity in Fire (REDfire) Lab, Northern Forestry Centre, Natural Resources Canada, Conference Co-Chair				
9:30 - 10:30	**Keynote Presentation** Edward Alexander, Senior Arctic Lead, Woodwell Climate Research Center				
10:30 - 11:00	**Networking with Sponsors and Exhibitors - Salon A/D**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Climate Change	**Community**	**Prevention**	**Indigenous Fire Stewardship**	**Interactive**
	Moderator: Mike Stefanuk Room Monitor: Sarah McIntyre	Moderator: Shelagh Pyper Room Monitor: Justin DeMoss	Moderator: Francis Asare Room Monitor: Hillary Winstanley	Moderator: Nahid Masoudi Room Monitor: Gabrielle Ayres	Moderator: Kelsey Copes-Gerbitz Room Monitor: Christy Arseneau
11:00 - 11:20	Simulating the impacts of climate change on landscape resilience in British Columbia's south Okanagan *Jocelyne Laflamme*	The stories we tell: Narrative framing of two of Canada's catastrophic wildfires in news media *Danielle Ball*	Advancing Implementation of the Canadian Wildland Fire Prevention and Mitigation Strategy *Maggie Julian, Adam Johnston*	Learning from Indigenous Perspectives for Wildland Fire Management from Treaty 5 and 9 Remote First Nations *Ana Gonzalez, Lindsay Galway*	Playing with Fire: A Quest to Design the System and Face the Flames *Colin McFayden, Lucas Brehaut, Dan Johnston, Johnathan Reimer, Aaron Stacey, Amélie Jeanneau, Lynn Johnston and Alex Zahara*
11:20 - 11:40	Learning to Live with Fire: Advancing Wildfire Resilience in British Columbia *Leona Shepherd*	Wildfire Community Impact Research: preliminary results from 2025 *Brandon MacKinnon*	Barriers and enablers of wildfire mitigation in local governments in Canada *Eilish Vicencio-Heap*	English River First Nation Fire Resilience Project: Working together to improve community wildfire resilience in northern Saskatchewan *Candyce Paul, Chris Dallyn, Joseph Silva*	
11:40 - 12:00	Climate Data and Fire Weather: A Look Ahead *Rachel Malena-Chan (lightning talk)*	Plans on the shelf or living frameworks? Community wildfire planning and adaptive capacity in the Pacific Northwest *Mike Paramchuk*	A Guidebook for Establishing and Modernizing Predictive Services Units in an Era of Increasing Wildfire Complexity *Eric Kennedy, Haley Ritchie, Oghenekevwe Oghenechovwen*	In the path of fire: protecting Aboriginal Country and cultural values from Wildland fire through connecting operations *Graham Moore, Gregory Summerell*	
12:00 - 1:30	**Poster Presentations & Lunch (provided) - Salon D** **12:30 - Virtual Poster Presentations - Salon B/C**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Climate Change	**Fire Ops: Aerial Operations and Strategy**	**Recovery: Community Perspectives**	**Policy & Innovation**	**Indigenous Fire Stewardship**
	Moderator: Khurram Nadeem Room Monitor: Sarah McIntyre	Moderator: Hillary Winstanley Room Monitor: Christy Arseneau	Moderator: Matt Kristoff Room Monitor: Barb Satink Wolfson	Moderator: Georgina Preston Room Monitor: Shelagh Pyper	Moderator: Amy Cardinal Christianson Room Monitor: Cailin Egan
1:30 - 1:50	Visualization of Canadian Wildland Fire Under Climate Scenarios With Coupled Foundation Models *Jacob Klimczak*	Identifying optimal firefighting strategies in wildland-industrial interfaces in the event of wildfires *Hussain Farsi*	From Fire Seasons to Fire Systems: Learning Lessons from Alberta Wildfires (2011–2025) and Building Regional Protection *Bryan Hall, Trevor Grant*	Progress towards validation of the CWFIS seasonal forecast *Piyush Jain*	Honouring Fire: Indigenous Perspectives and Traditional Knowledge for the Future of Wildland Fire *Devon Francoeur, Cyril Goulet - Cumberland House Cree Nation, Donald Charles - Stanley Mission First Nation, Darrell Sewap - Peter Ballantyne Cree Nation, Freddie Throassie - Black Lake Denesuline First Nation, Matthew Charles - Lac La Ronge Indian Band*
1:50 - 2:10	Fire regimes are becoming increasingly volatile: implications for managing extreme fire events *Zak Derler*	Building Cross Jurisdictional Operability in Aerial Wildfire Operations - Challenges and Initiatives - The Canadian Context *Kent Baylis*	Housing, Vulnerability, and Recovery after the 2024 Jasper Wildfire Complex *Catherine Rokakis*	Emerging Wildfire Technology Registry & Assessment Program (ETRAP) *Emmanuel Diaz*	
2:10 - 2:30	In Case of The Extreme: Pre- and post-Jasper National Park complex fire fuel structural attributes and the resulting burn severity *Emily Jones*	Assessing the effectiveness of aerial suppression across varying fuel and weather conditions *Frédéric Brunet*	Inclusive and Equitable Wildfire Evacuation of Older Adults in Edson, Alberta *Sumaira Niazi, Tara McGee*	The Fuel Moisture System: A subcomponent of the Next-Generation Canadian Forest Fire Danger Rating System *Derek van der Kamp*	
2:30 - 2:50	Projections of Wildfire Impacts in the Northern Permafrost Zone under Climate Change *Joshua Rady*	Are we choosing the right airtankers? Comparing fixed wing airtankers across Canadian landscapes *Emily Hope*	Beyond the Fire: Social Challenges Arising from Peerless Trout First Nation and Loon River First Nation's 2025 Evacuation to Edmonton *Doug Yearwood*	Synthesis of Current Post-Wildfire Design Criteria for Provinces and States – Transportation Infrastructure *Steven Griffin*	
2:50 - 3:10	Future forests at risk? Simulating impacts of wildfire and climate change on regeneration in Newfoundland, Canada *Lucas Brehaut*	Helitack Crew Positioning Under Dynamic Fire Conditions *Valérie Bélanger*	Painting with the Burn: Facilitated Art Practice for Psychosocial Recovery and Resilience *Liz Toohey-Wiese*	The Peat Moisture Code: A new fuel moisture code for the Fire Weather Index System *Sophie Wilkinson*	
3:10 - 3:30	Identifying Critical Factors Influencing Barrier Breach Outcome in Alberta's Forest Protection Areas *Bri Forner-Walker*	Advancing our Understanding of Airtanker Suppression Effectiveness for Fire Management *Melanie Wheatley*	Toward More Effective Hospital and Family Liaisons: A Case Study of the USFS Casualty Assistance Program (CAP) *Diego Mendoza-Flores, Rebekah Fox*	Contextualizing the Fire Weather Index Using 20 Years of High-Resolution Reanalysis *Christopher Rodell*	
3:30 - 4:00	**Networking with Sponsors and Exhibitors - Salon A/E**				
	Salon B/C				
4:00 - 5:15	**Panel Presentation - Community Research** Moderator: Alex Zahara, PhD, Researcher, Reciprocity Ecology and Diversity in Fire (REDfire) Lab, Northern Forestry Centre, Natural Resources Canada Panelists: Aranya Iyer, Project Officer, Whitefeather Forest Initiative Dr. David McLagan, Assistant Professor, School of Environmental Studies, Dept. of Geology, Queen's University. Dr. Sarah Dickson-Hoyle, Fire Ecologist, Environmental Social Scientist and Community-Engaged Researcher, Centre for Wildfire Coexistence, University of British Columbia Edward Alexander, Senior Arctic Lead, Woodwell Climate Research Center				
5:15 - 5:30	**Closing Remarks**				

5:30 - 7:30	**Social Reception with Sponsors and Exhibitors - Salon A/E**				
8:00 - 11:00	**Women in Fire and 2SLGBTQ+ Meet Up - High Key Brewing Co., 102 23rd St E, Saskatoon**				
	Wednesday, October 21				
	Salon B/C				
9:00 - 9:15	**Opening Remarks:** Moderator Jane Park				
9:15 - 10:15	**Keynote Presentation** Mathieu Bourbonnais, PhD, Assistant Professor, Director, Canadian Prescribed Fire Training Program, Principal's Research Chair - Wildfire Risk and Fire Management, Fire Ecology & Remote Sensing Lab Co-Director - UBC Centre for Wildfire Coexistence				
10:15 - 10:45	**Networking with Sponsors and Exhibitors - Salon A/D**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Policy and Innovation	**Fire Ops: Predictions**	**Prevention: Fuels mitigation**	**Interactive**	**Indigenous Fire Stewardship**
	Moderator: Dr. Clint Abbott Room Monitor: Justin DeMoss	Moderator: PiyushJain Room Monitor: Gabrielle Ayres	Moderator: Georgina Preston Room Monitor: Mike Stefanuk	Moderator: Chris Dallyn Room Monitor: Kelsey Copes-Gerbitz	Moderator: Philippe Ambeault Room Monitor: Shelagh Pyper
10:45 - 11:05	Examination of Incipient Wildfire Analyses in Selected Wildfire Agencies *Gabriel Corbeil*	Predicting Daily Wildfire Occurrence in Canada *Faron Anslow*	Forest Industry - Landscape Fuels Management *Nicole Galambos*	Introducing the Canadian Council of Forest Ministers' Canadian Wildland Fire Risk Assessment Framework *Chris Stockdale*	Thunderbird Collective *Amy Christianson, Joe Gilchrist, Stephanie Paul*
11:05 - 11:25	Fire Management as a Climate Solution *Brendan Rogers*	Mapping Potential Control Features in British Columbia Using Least-Cost Connectivity *Steve Taylor*	Fuel treatment impacts to above-ground forest carbon storage and stability in southeastern British Columbia *Rachel Pekelney*		
11:25 - 11:45	A myco-forestry approach to pre-fire mitigation and post-fire restoration *Anissa Watson, Jeff Ravage*	Operational applications of predictive fire behaviour models – challenges and opportunities *Caitlin Mader*	Integrating FireSmart Fuel Treatments and Bioenergy Harvesting in Remote Yukon Communities: A Wildfire Burn Probability Modelling Approach *Leonardo Frid*		
11:45 - 12:05	Congestion-aware Multi-agent Reinforcement Learning for Wildfire Evacuation Routing *Bahareh Raei*	WildFireSat: the Pathway to Successful Adoption in Operational Fire Management *Colin McFayden*	Cornish Hill: Community Collaboration for Sustainable Fire Risk Reduction *Bridget Clarke*		
	Centennial ABC (lower level)				
12:05 - 1:15	**Lunch (provided)**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Community (operations)	**Remote Sensing**	**Prevention/ Community**	**Indigenous Fire Stewardship**	**Interactive**
	Moderator: Matt Kristoff Room Monitor: Justin DeMoss	Moderator: Chinyere Ottah Room Monitor: Sarah McIntyre	Moderator: Kelsey Copes-Gerbitz Room Monitor: Barb Satink Wolfson	Moderator: Amy Cardinal Christianson Room Monitor: Emily Johnson	Moderator: Jessica Broder Room Monitor: Georgina Preston
1:15 - 1:35	Moving Together to Build a Path Forward: Advancing Indigenous Wildfire Operations and Resource Sharing Across Canada *Natasha Caverley and Paul Courtoreille*	AI Surrogate Model for Canada-wide Wildfire Risk Mapping *Hager Abdelwahed*	Insurance and Underinsurance Challenges in Wildfire-Prone Communities *Nahid Masoudi*	The Black Kite Project: Getting a closer look at smoke in support of Indigenous Fire Stewardship to manage fire, land and air *Dallas George, David McLagan, Francis Johnson, Alex Zahara, Michela Carrière*	Mental health, wellbeing and communities of care in wildfire research and practice *Liz Toohey-Wiese, Sarah Dickson-Hoyle*
		Bridging the Subseasonal-to-Seasonal Gap in Wildfire Risk Forecasting over the Canadian Prairies *Donghoon Lee, Niloofar Raeispour*			
		A Cloud-Based Tool for Wildfire Risk Assessment and Scenario Exploration in Indigenous and Remote Communities *Leonardo Frid, Todd Bailey*			
1:35 - 1:55	An integrated workforce in the Whitefeather Forest to build cultural, fire-resilient landscapes *Aranya Iyer*	RCM ScanFire: Near-Real-Time All-Weather Wildfire Monitoring in Canada's Boreal Forest Using RADARSAT Constellation Mission Compact-Polarimetric Radar *André Beaudoin*	Valuing Wildfire Adaptation Strategies in Wildland–Urban Interface Communities: Evidence from British Columbia *Dilshani Ranasinghe*		
1:55 - 2:15	Building Stronger Fire Service Teams: Leadership Lessons from Africa Fire Mission *Amber Lynn Scott*	Resolving fine-scale fire behaviour from coarse remote sensing data using a generative, uncertainty-aware 3D fuel modelling framework *Liam Bennett*	Research needs on the human dimensions of wildfire: Insights from a participatory workshop in Québec *Solange Nadeau*		
2:15 - 2:35	SPSA Youth Preparedness Council Pilot *Chris Grosy*	The nexus between low intensity burning, fire weather and burn severity in from eastern Siberia to western Canada *Christine Waigl*	The Atlantic Living Lab: Integrating Research, Perception, and Practice for Wildfire Resilience *Adam Johnston*	We Are Fire: An Indigenous Tea Ceremony Connecting Fire, Plants, and Mino-Pimatisiwin *Michela Carrière*	
2:35 - 2:55	Bridging the Response Void: How the FIRE GAP Program Empowers Geographically Isolated Communities *Jeff Ennenga, Lisa Amaniq Shield*	Using Landsat imagery and machine learning to accurately map wildfire severity across the diverse ecosystems of British Columbia *Luke Collins*	Decisions Before the Flames - Community Wildfire Resiliency Plans *Kara McCurdy*		
2:55 - 3:15	Proactive Water Management *Anthony Jumeau*	Where to Look Next: Reducing Hidden Uncertainty in Wildfire Response *Richard Purcell*	Bridging Science and Practice: A Collaborative Framework for Wildfire Resilience Assessment in Canada *Amélie Jeanneau, Caleb Tomlinson*		
3:13 - 3:45	**Networking with Sponsors and Exhibitors - Salon A/D**				
3:45 - 5:00	**Panel Presentation - Prescribed & Cultural Fire** Moderator: Jane S. Park M.Sc., Prescribed Fire Manager – Canadian Prescribed Fire Training Program Panelists: Renny Grilz, Meewasin Valley Authority/ Canadian Prairies Prescribed Fire Exchange Christian McKay, File Hills Qu'Appelle Tribal Council Melanie Robinson, Assistant Fire Management Officer, Parks Canada, Riding Mountain National Park Mathieu Bourbonnais, PhD, Director, Canadian Prescribed Fire Training Program				
	Centennial ABC (lower level)				
6:00 - 10:00	**Community Gathering and Dinner**				
	Thursday, October 22				
	Salon B/C				
9:00 - 9:15	**Opening Remarks:** *Moderator Amy Thomas*				
9:15 - 10:30	**Keynote Presentations** Loressa Mike, Emergency Management Coordinator, Beardy's & Okemasis' Cree Nation Erin Tassell, Fire Aviation Manager, Department of Biodiversity, Conservation and Attractions, Western Australia				
10:30 - 11:00	**Networking with Sponsors and Exhibitors - Salon A/D**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Interactive	**Wildfire & Water**	**Fire Ecology**	**Remote Sensing**	**Indigenous Fire Stewardship**
	Moderator: Chris Stockdale	Moderator:	Moderator:	Moderator: Laura Chasmer	Moderator:

11:00 - 11:20	Connecting the Dots: Regional collaborations with the Wildfire Resilience Consortium of Canada *Cole Chretien, Georgina Preston, Hillary Winstanley, Kelsey Copes-Gerbitz, Matt Kristoff, Maya Boivin, Mimi O'Handley, Shelagh Pyper, Stephanie Yuill*	Wildfires mobilize arsenic from legacy mining contaminated subarctic catchments *Chloe Earnshaw-Osler*	Revisiting spruce budworm-wildfire interactions: evidence, uncertainty, and future directions *Zackary Shakeri*	Improving Community-Scale Wildfire Threat Modelling with Satellite- and LiDAR-Derived Forest Fuel Attributes and Fuel Types: Whistler, BC *Olivier Tsui, Nicholas Soverel*	mamow wuskaweewin (Moving Together): Grassroots Wildfire Resiliency Planning in the Metis Settlements *Joanne Ducharme-Lizotte, Lyle Desjarlais, Natasha Caverley, Paul Courtoreille, Raymond Supernault*
			Mapping Carbon and Permafrost Vulnerability to Wildfires as a Fire Management Tool *Ludda Ludwig*		
			Can eco-cultural restoration reduce wildfire risk and enhance mule deer habitat? Carson Lopatka		
11:20 - 11:40		From Fire to Faucet: What Lake Sediments Reveal About Wildfire Impacts on Drinking Water *Nicholas J. R. Hebda*	Understanding the forensics of wildfire – building resilience through the learning of past events *Timothy Brown*	Benefits and challenges of integrating public and private remote sensing data into the operational workflow of fire management organizations *Helena van Mierlo*	
11:40 - 12:00		Intersection of groundwater governance, wildfire resilience, and communities in the wildland–urban interface *Navya Vikraman Nair*	Near-surface microclimate after two wildfires in Glacier National Park: Investigations into post-fire effects *Sarah McIntyre*	BC Wildfire Threat Modelling: Introducing an Exciting New Provincial Dataset *Nicholas Soverel, Holden Payne*	
12:00- 1:30	**Posters and Lunch (Salon D)**				
	Gallery A	**Gallery B**	**Gallery C**	**Gallery D**	**Salon B/C**
	Policy & Innovation: Prescribed Fire	**Health**	**Fire Ecology/ Remote Sensing**	**Indigenous Fire Stewardship**	**Interactive**
	Moderator: Bob Bale Barb Satink Wolfson	Moderator: Room Monitor:	Moderator: Sarah McIntyre Room Monitor: Caitlin Mader	Moderator: Emily Johnson Room Monitor: Cailin Egan	Moderator: Amelie Jeanneau Room Monitor:
1:30 - 1:50	Breaking Down Boundaries: International Collaboration to Advance Prescribed Fire *Carol Baldwin, Eric Lamb, Lori Bammerlin, Renny Grilz, Roy Vera-Velez*	Cooperative Community Wildfire Response *Terry Jessup*	Wildfire effects in high elevation forests in British Columbia, Canada *Jill Harvey*	Two Spirit Fire KIN Project: Amplifying 2SLGBTQ+ Indigenous People's Roles and Diverse Fire Research *Gracie Crafts*	Fuel Management Approaches Across Jurisdictional Boundaries *Camille Harrison, Phane Ray, Pierce Pellerin*
		The World Meteorological Organization's North American Regional Vegetation Fire Smoke Pollution Warning and Advisory Centre *Daniel Figueras Nieto*			
1:50 - 2:10		Leveraging partnerships between wildland firefighters and researchers: Insights for health information, practice and community action *Arielle Milkman, Justin DeMoss, Luke Montrose*	Wildfires, Watersheds, and Water Security: Assessing the State of Post-Wildfire Hydrology Research *Sandra Schira*	Restoring Balance with Good Fire: The Story of the Káinai-Led Fire Guardian Program *Alvin First Rider*	
2:10 - 2:30		Operational Approaches to Reducing Exposure Hazards on the Fireline *Kelcey Stricker, Susan Kidnie*	Fuels in the CFFDRS-2025: Field measurements to fuel attributes and an approach for defining novel fuel complexes *Jean Marchal*	Reconstructing a Secwépemc fire regime: Indigenous fire stewardship of dry forests *Mike Stefanuk*	
2:30 - 2:50	Australia and the United States have many similarities and differences in prescribed fire management: learning from each other *Scott Stephens*	Learning from loss: A systematic database of wildfire-related fatalities in Canada and the United States, 1990-2025 *Sandy Erni*	Quantifying the influence of spruce budworm on wildfire behaviour using terrestrial LiDAR and manual vegetation sampling *Kennedy Korkola*	Collaborative burning revitalizes eco-cultural values and strengthens relationships in Secwepemcúl'ecw, British Columbia *Bianca Gonzalez*	Decision support tools for landscape-level fuel treatments *Alana Clason, Georgina Preston, Kelsey Copes-Gerbitz, Kira Hoffman*
2:50 - 3:10	Beyond Natural Disturbance Types: A new spatial approach to representing historical fire regimes across British Columbia *Jen Baron*	Seasonally Employed Wildland Firefighters in Alberta: Mental Health, Precarity, and Climate Change *Jim Johansson, Kylie Foisy, Lindsay Komar*	Estimating Ignition–Detection Delay in Lightning-Caused Wildfires from Observed Counts: A Hierarchical State-Space Approach *Khurram Nadeem*	Indigenous Fire Stewardship as a Nature-Smart Climate Solution: Toward a Canadian Carbon Methodology *Philippe Ambeault*	
3:10 - 3:30	NASA's Wildland Fire Program: Connecting Research and Operations to Support Proactive Wildfire and Prescribed Burn Management *Joanne Hall*	Identifying Canadian Research Priorities for Wildland Fire & Human Health & Wellbeing *Jessica Mankowski*	Characterising Shrub Fuels: Reconstructed Shrubs in a Lab Environment *Drew Epp*	Indigenous Stewardship Is Not Natural Fire: Rethinking What Fire "Should" Look Like *Keara Lightning*	
3:30 - 4:00	**Networking Break with Sponsors and Exhibitors**				
	Salon B/C				
4:00 - 4:45	**Keynote Presentation - When Every Minute Matters: Livestreaming through the Bald Range Wildfire** Erick Thompson, Senior Manager of Communications and Engagement, Regional District of Okanagan-Similkameen (RDOS), Penticton, BC.				
4:45 - 5:00	**Closing Remarks**				
	Friday, October 23				
9:00 - 12:00	**Field Trip: Breakfast and Tour at Remai Modern**				
9:00 - 5:00	**Field Trip: FireSmart Burn and Prescribed Fire Training Demonstration (half day option)**				
9:00 AM	**Overnight Field trip to Prince Albert National Park (Oct. 23 9:00 am to Oct 24. – 6:00 pm)**				
	Poster Presentations (Tuesday and Thursday during lunch)				
	Climate Change, Weather and Wildfire	**Fire Ecology**	**Fire Prevention, Mitigation & Education | Community Response & Impacts**	**Remote Sensing & Fire Technology**	**Fire Prevention, Mitigation & Education | Climate Change, Weather and Wildfire**
	Increasing trends in short-interval reburns raise concerns for forest resilience in northern Saskatchewan *Joseph Silva*	Acute impact of wildfire on tree communities in a seasonally dry tropical forest, northwestern Madagascar *Ando Rakotomamonjy*	A FireSmart-based Bayesian Network Framework for Wildfire Risk Assessment in Canada's Wildland–Urban Interfaces *Sanam Imani*	Transferable Prediction of Aboveground and Belowground Carbon Consumption from Boreal Wildfires across North America using Remote Sensing and Machine *Chinyere Ottah*	A simple dry lightning forecasting system for Canada *Liam Buchart*
	Impact of Phenological Changes Driven by Arctic Amplification on Global Boreal Forest Fire Risk *Tongxin Hu*	Drivers and temporal patterns of conifer regeneration, tree mortality and snag dynamics following a mixed-severity wildfire in interior BC *Rachel Pekelney, Sarah Dickson-Hoyle*	Building resilient communities to coexist with wildfires using a case study in interior British Columbia *Natalie Maslowski*	A Modelling Framework for Canadian Fuel Type Mapping Using Satellite Remote Sensing *Joseph Rakofsky*	Assessing Fire Risk Across Peatland Types and Ecozones in Canada *Emma Tutt*
	On Initializing High-Resolution WRF-Fire Simulations in Complex Terrain *Liam Buchart*	The 3D Footprint of Fire: Evaluating Vertical Fire Severity in Aspen and Spruce Forests *Leo Boyd Bell*	Fuel for Thought: Evaluating Fuel Treatment Efficacy in Dry Interior Forests of British Columbia *Tegan Heshka*	Development of a provincial wildfire fuel grid for Newfoundland and Labrador *Scout Quinn*	Overwintering Fires Across Canada *Karlee Zammit,* Piyush Jain
	Rising Persistence of Extreme Fire Danger in British Columbia: Evidence from Upper-Tail DSR Analysis *Zoya Zaman*	The impact of spruce budworm and insecticide application on forest stands fuel loads and structure *Justine Gillis*	Proactive Water Management *Anthony Jumeau*	The Use of LiDAR in Estimating Surface Fuel Load in Harvested Environments *Fynn De Vuono-Fraser*	**Fire Prevention, Mitigation & Education**
	Identifying fire risk for high-latitude carbon stores *Jacquelyn Shuman*	Habitat recovery for whudzih, southern mountain caribou (Rangifer tarandus caribou), in post-harvest and post-fire stands within Ulkatcho territory, BC. *Helena Marken*	Fueling Decisions: Optimization of Wildfire Fuel Treatments *Jamie Iversen*	Examining the effectiveness of silvicultural and fuel treatments for crown fire risk mitigation *Kimberly Morrison*	A Case Study on the Effectiveness of a Wildfire Mitigation Project following Wildfire Exposure. *Michael Bendzsak, Michael Springinotic*

	Evaluation of LLM skill in interpreting and synthesizing fire weather forecasts *Justin Beckers, Michael Smith*	The Effect of Natural Wildfire Smoke Exposure on House Sparrow Thermoregulation *Andrew Moore*	Atlantic Canada's Collaborative Approach: Connecting Wildfire Research, Operations, and Community Engagement *Raphael Chavardes*	ALS-based fuel load estimation at a climate-adaptive silvicultural trial: comparing area-based and individual tree-based approaches *Kaitlyn Hammond*	A Deep Learning Model for Predicting Forest Fire Risk Maps *Rafik Ghali*
	Climate Change, Weather and Wildfire | Remote Sensing & Fire Technology	When Beetle-Killed Trees Burn: Estimating Canopy Fuel Combustion in the Context of Confounding Disturbances in Jasper National Park, Alberta, Canada *Natalie Krizan*	Can eco-cultural restoration reduce wildfire risk and enhance mule deer habitat? *Carson Lopatka*	Modelling Forest Fuels with Airborne lidar: Comparing Three Modelling Approaches across lidar densities and spatial resolutions *Emily Jones*	Assessing Fuel Structure and Fire Intensity in Novel Black Spruce Fuel Management Treatments *Sophie Wilkinson*
	Modelling Wildfire Burn Severity in Canadian Megafires *Sophie Wilkinson*	Impacts of FireSmart Fuel Treatments on Carbon in Boreal Treed Peatlands *Nata Culhane*	Empirically grounded simulation tools for WUI evacuation analysis *Max Kinateder*	Field-Calibrated Multi-Source Remote Sensing and Machine Learning for Wildfire-Related Biomass Exposure in Eastern Canadian Boreal Forests *Hadi Mahmoudi Meimand*	Multimodal GAN Model for Detecting Wildland Fire using Visible and Thermal images *Rafik Ghali*
	The impacts of wildfire on carbon losses from northern Alberta peatlands and peatland vulnerability to high-severity wildland fires *Taylor Mitchener*	Duff Stuff: Determining Carbon Emissions from Duff Combustion During the 2022 Chetamon Fire in Jasper National Park, Alberta, Canada *Natalie Krizan*	Diablo: High-Resolution Regional Fire Risk Forecasting with Graph Transformers *Christopher Rodell*	**Community Response & Impacts | Physical and Mental Health**	Post Fire Mitigation at East Trout Lake *Michael McColgan, Michael Springinotic*
	Smoke Limits Wildfire Spread Potential *Tadgh Dalton*	**Wildfire Policy & Innovation**	The development of Provincial-Level Wildland Fire Risk Assessment for Ontario *Aaron Stacey*	Investigating the Relationship Between Inhaled Wildfire-Related PM2.5 Dose and Pulmonary/Vascular Function in Wildland Firefighters *Jamie Bell*	Recommendations for Host Communities *Tara McGee*
	Increasing trends in short-interval reburns raise concerns for forest resilience in northern Saskatchewan *Joseph Silva*	Aerodynamic Thresholds of Wildfire Spread: Identifying the Critical Regime Transition under Extreme Drought Conditions *Changhoon Bang, Seonghyeok Bang*	Turning Down the Heat: Evaluating Wildfire Risk Reduction Treatment Efficacy in Northern BC *Alex Itcush*	Wildland fire evacuation statistics in Canada 1980-2025 *Lynn Johnston, Alex Zahara, David Young, John Little, Dawn McVittie, Sarah Nason, Jordan McLean, Michelle Hudson*	Wildland Fire Exposure Assessment for Treaty #3, Canada *Tusti Bose*
	Conifer Pyrometrics and FuelDash: Advancing Stand-Level Fire Behaviour Modelling *Nicholas J. R. Hebda*	Modelling Multi-day Evacuation and Return Decisions for Isolated Communities Under Uncertain Wildfire Smoke Forecasts *Kevin Granville*	Wildfire exposure and directional vulnerability assessments: practical applications, customization, and interpretation *Air Forbes*	**Indigenous Fire Stewardship**	Fuel treatment effectiveness in the Interior cedar-hemlock zone of British Columbia: A case study of the 2024 Slocan Lake Fire Complex *Aeron Westeinde*
	Fire Operations	Application of Artificial Intelligence in Health and Safety Analysis *Kevin Alamanda*	Erosion Control Requirements for Riparian Disturbance Resulting from Wildfire Suppression Activities in Saskatchewan *Nathan Flodell*	Media analysis of the portrayal of Indigenous Peoples in Canadian media covering wildland fire. *David McLagan*	Wildfire Risk Reduction and the Effectiveness of Fuel Treatments in Coastal British Columbia *Logan O'Reilly*
	Assessing the effect of local conditions on lightning-caused wildfire ignition and initial spread in Quebec *Florence Bédard*	Post Fire Forest Recovery in Costal Old-Growth Forests *Brendan Oldegbers*	Operationalizing Deep Learning for Real-Time Wildfire Risk Forecasting Across Canada *Zhengsen Xu*	Decoupling? The time to burn under climate change *Ainsley Lirondelle*	
	Identifying Critical Factors Influencing Barrier Breach Outcome in Alberta's Forest Protection Areas *Bri Forner-Walker*	Fuel Break Prioritization at the Wildland–Urban Interface Using an FBP-Parameterized Reach-Probability Risk Model *Daniel Guerrero Santaren*		Kaminstigautugak Kiskachewun (Cumberland Delta)- Poster Series *Michela Carrière*	
	Young Cutblocks Do Not Aid in Fire Containment in Alberta *Jared Randall*	Types of Fires and Their Research Potential: A Perspective on Experimental Fire Contexts in Canada *Colin McFayden, Melanie Wheatley*		Short-term Impacts of Mechanical Fuel Treatments on Modelled Wildfire Behaviour in ʔakisq̓nuk First Nation Forests *Markus Hanson*	
		Long-range Wildfire Exposure Validation is Ecoregion-dependent in Britain *Sarah Wild*			
		Closing the Loop: A Counterfactual Framework for Measuring What Fuel Treatments Deliver *Katharyn Duffy*			