

WILDFIRE RESILIENCY AND TRAINING SUMMIT

PROGRAM

May 10–14, 2023 Vancouver and North Vancouver, BC



For more information visit wildfiresummit.ca

The Wildfire Resiliency and Training Summit acknowledges with gratitude that the event is taking place on the traditional, ancestral and unceded territories of the Coast Salish peoples, including the territories of the x^wməθkwəÿəm (Musqueam), Skwxwú7mesh (Squamish), and Səl̈́ılwəta?/Selilwitulh (Tsleil-Waututh) Nations.



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Network: Sheraton Meeting PW: WRTS2023

Code of Conduct

The Wildfire Resiliency and Training Summit is dedicated to providing a positive and harassment-free event experience for everyone. To that end, FireSmart BC has partnered with Spot as a resource to report incidents of misconduct that contravene the event's Code of Conduct policy. If you experience or witness any inappropriate behaviour, please report it to the event organizers or use the below QR code to access the Spot reporting tool. Thank you for helping to make this a welcoming, friendly space for all.





Welcome!

Welcome to the 2023 Wildfire Resiliency and Training Summit, which was formally known independently as the FireSmart BC Conference and the WUI Symposium. Our new name and format reflect the ever-changing landscape of wildfire resiliency in BC, where ongoing research, innovation and experience continue to shape best practices and add to our collective knowledge.

On behalf of our Summit organizers and attendees, I want to thank our many partners for their support of this year's Summit, including: the Musqueam, Squamish and Tsleil-Waututh First Nations, the City of Vancouver, District of North Vancouver and our host Fire Department from North Vancouver, led by Fire Chief Brian Hutchinson. I also want to thank the members of our Advisory, FireSmart BC and Operations/Training committees for their tireless work.

Recognizing the importance of collaboration within the FireSmart community, our theme for the week is Partners in Progress. As we know, partnerships are critical for keeping BC communities safe and building fire resiliency, so let's make the most of this valuable opportunity to celebrate existing partnerships and create new ones as we share our experience and knowledge at each session and event throughout the week.

On behalf of myself, our advisory committee members, and all of the staff whom have worked to make this event happen, we hope your experience is positive and meaningful. If at any time you need help with something, please don't hesitate to connect with us, either at the registration desk or with any member of our team identifiable by their branded vests.

Thank you all for coming. Let's get to work!

Kelsey Winter

Chair, BC FireSmart Committee

Our Mission & Vision

Our Mission

Build wildfire resiliency and reduce the negative impacts of fire for everyone in the province through FireSmart.

Our Vision

A wildfire resilient province, where everyone works, plays, and lives FireSmart.

Indigenous Language Translations from Squamish Nation

In honour of our host Nations, below are translation of some key words you may find helpful.

ha7lh natlh = "Good morning"

ha7lh nekw kwetk texw skwáyel = "Good afternoon"

ta néwyap = "Hello" to multiple people

huỷ melhálh = "Goodbye"

huy chap a = "Thank you all"

kwáyalhkwup = "Embers"

Featured Speakers



Dr. Tara McGee | Professor, Department of Earth and Atmospheric Sciences, University of Alberta

Dr. Tara McGee is a professor in the Department of Earth and Atmospheric Sciences and Associate Dean (Engagement and EDI) in the Faculty of Science at the University of Alberta. Her research career has focused on the human dimensions of wildfires, and she and her research team has conducted research about wildfire prevention, mitigation, preparedness, response, and recovery. She also conducts research about wildfire smoke risk perceptions, preparedness and protective actions. Tara co-leads the First Nations Wildfire Evacuation Partnership. In addition to her research, she teaches a second year undergraduate course Human Dimensions of Environmental Hazards at the University of Alberta.



Christina Hanger | Engagement Specialist, Emergency Management and Public Safety

Christina Hanger is a certified and multi-award winning engagement specialist who is passionate about improving the way programs, projects and services are designed to achieve better outcomes for communities and volunteers.

With over 10 year's experience across the Emergency Management and Public Safety Sectors in Australia, Christina uses her background in design thinking and social sciences to deliver significant projects, including the vital digital transformation of fire safety education as a part of the Country Fire Authority's (CFA) response to the global pandemic.

Acknowledged by her peers and the sector, Christina has received awards from CFA for Excellence in Community Engagement and Excellence in Innovation and has garnered recognition at the national level with an award from the Australasian Fire and Emergency Service Authorities Council (AFAC) for significant contribution to the sector.

When not at work, you will find Christina outside camping, diving, or coaching her Women's soccer team.

Featured Speakers



Daniel Berlant | Acting State Fire Marshal / Deputy Director of Community Wildfire Preparedness and Mitigation

Chief Berlant began his career with CAL FIRE in 2001 as a volunteer and was hired in 2002 in the Fire Prevention Bureau of the Nevada-Yuba-Placer Unit. In 2005, he began working in the CAL FIRE Communications Office as a Fire Prevention Specialist in Sacramento.

After several fire sieges and extensive work in the public information function, he was promoted in 2008 to Department Information Officer and was tasked with serving as CAL FIRE's main spokesperson. In 2014, he was promoted to the Chief of Public Information overseeing the Sacramento and Region staff of the Communications Office. In 2016, Chief Berlant was promoted to Assistant Deputy Director at the Office of the State Fire Marshal over the Wildfire Planning & Engineering, and Fire Engineering & Investigations Divisions.

In 2022, Chief Berlant was promoted to Deputy Director of Community Wildfire Preparedness and Mitigation, which was new to the Department after being established through the passage of Assembly Bill 9 (2021), which created the Community Wildfire Preparedness and Mitigation Division within the Office State Fire Marshal.

In January 2023, Chief Berlant was designated Acting State Fire Marshal, in addition, continuing to function as the Deputy Director over Community Wildfire Preparedness and Mitigation. Chief Berlant holds a bachelor's degree from the University of California, Davis.

Wildfire Resiliency and Training Summit 2023 Sheraton Vancouver Wall Centre Hotel

Tuesday, May 9			
Time	Session	Room	
1400 - 1700	Early Registration	Lower Lobby	

Wednesday, May 10			
Time	Session	Room	
0630	Registration Opens	Lower Lobby	
0730 - 0830	Breakfast Sponsored by: B.A. Blackwell & Associates	Grand Ballroom	
0830 - 0900	Welcome and Opening Remarks Day 1 Indigenous Welcome: Musqueam Ian Meier, Assistant Deputy Minister, BC Wildfire Service Kelsey Winter, FireSmart Program Lead/BCFSC Chair, BC Wildfire Service	Grand Ballroom	
0900 - 1015	 Panel 1 - Executive Panel: Partners in Progress Hear from senior managers across emergency management organizations and local government talk about partnerships and the importance of shared responsibility and working together to build a wildfire resilient province. Moderator: Mike McCulley, Research and Innovation Senior Officer, BC Wildfire Service Panellists: Cliff Chapman, Director of Provincial Operations, BC Wildfire Service Ian Cunnings - Senior Director, Regional Operations, Ministry of Emergency Management and Climate Readiness Phil Lemire, Executive Officer, Fire Chiefs Association of BC His Worship Mike Little, Mayor, District of North Vancouver Wayne Schnitzler, Executive Director, First Nations' Emergency Services Society 	Grand Ballroom	
1015 - 1030	Transition		

1030 - 1115	Concurrent Breakout Sessions 1	
	Breakout 1.a - Building Capacity in Communities: Wildfire Resiliency through the Home Partners Program	Pavilion
	This session will walk participants through the merits, process, outcomes and future of the BC Home Partners Program (HPP). Topics discussed will include Wildfire Mitigation Specialist training, home ignition zone science, insurance implications, community planning, the often-overlooked home and structural vulnerabilities, as well as how First Nations, local government and structural fire departments can become involved in the program.	
	Joel Hamilton , Home Partners Program Provincial Coordinator, Fire Chiefs' Association of BC/FireSmart BC	
	Breakout 1.b - We are Fire: Braiding Indigenous-Led Fire Practices and Western Fire Management in the Saskatchewan River Delta	Grand Ballroom
	Harmonizing Indigenous-led fire practices and settler and state-led fire management, a multidisciplinary team embarked on a collaborative journey toward co-creating new knowledge about uses of fire on the land, particularly though not exclusively in the Saskatchewan River Delta (Saskatchewan, Canada). Members of the Muskrats to Moose Project Team will present on their multi-year applied research project, which was co- led by Solomon Carrière and Renée Carrière (allies of change in Cumberland House, Saskatchewan).	
	Cliff Buettner, Project Team Member, Muskrats to Moose Project Renée Carrière, Project Co-Lead, Muskrats to Moose Project Solomon Carrière , Project Co-Lead, Muskrats to Moose Project	
	Breakout 1.c - Development Permit Areas and Official Community Plans	Junior ABC
	Learn about the role that Development Permit Areas and Official Community Plans, among other planning tools, play in increasing wildfire resiliency for a community. Kelly has extensive experience working in the United States with planning for wildfire and brings some real life stories of these tool's successes in the face of extreme wildfire.	
	Kelly Johnston, Structure Protection Specialist, BC Wildfire Service	

	Breakout 1.d - FPInnovations FireSmart Research	Junior D				
	 FPInnovations will present two operational research projects that support BC Wildfire Service and FireSmart BC in addressing fundamental questions surrounding community resilience. 1) Using experimental crown fire and a rapid response data collection approach to evaluate structure ignition and 2) Evaluating the impacts of canopy reduction on in-stand weather and fuel moisture in forest fuel treatments. Gregory Baxter, Senior Researcher, FPInnovations Steven Hvenegaard, Senior Researcher, FPInnovations 					
1115 - 1130	Transition					
1130 - 1215	Concurrent Breakout Sessions 2					
	Breakout 2.a - Protecting Properties With Sprinklers	Junior ABC				
	As a homeowner what should and shouldn't you do to protect your property with sprinklers? As a Structure Protection Specialist, what do you do to protect properties with sprinklers? From the public to the professional, learn about sprinkler efficacy and the tricks of the trade.					
	Gord Parker, Structure Protection Specialist, BC Wildfire Service					
	Breakout 2.b - Working Together to Revitalize Cultural Burning in Esk'etemc Traditional Territory	Pavilion				
	Francis Johnson (Esk'etemc, Alkali Resource Management) and Matt Lees (BC Wildfire Service) will share their perspectives on working in partnership to put beneficial fire back on the land. Reigniting cultural burning starts with ceremony and traditional cultural practices and can achieve a wide range of land stewardship objectives. By collaborating on this work, Esk'etemc and BC Wildfire Service have built local capacity, developed shared priorities, and strengthened existing relationships, which will benefit everyone in the community for years to come.					
	The presenters will share their experiences working together to expand the use of cultural burning in Lil'wat Nation Traditional Territory. Working together to return beneficial fire to the land, as was done historically by Lil'wat people for thousands of years, this group is looking to the future of collaborative land stewardship in BC.					
	Francis Johnson, RPF, Planning Forester, Alkali Resource Management Matt Lees, Wildfire Prevention Officer, BC Wildfire Service					

	Breakout 2.c - FireSmart Training Course for Landscape Professionals	Junior D
	Learn about the wildfire ready course that landscape experts and wildfire resiliency specialists are building together. The course will provide standardized training while recognizing and promoting trained landscape and horticulture professionals. Project partners include the Canadian Nursery and Landscaping Association, Intact Centre on Climate Adaptation, Fire Chiefs Association of BC, FireSmart Canada, and FireSmart BC. Cheryl Evans , Director, Flood and Wildfire Resilience, Intact Centre on Climate Adaptation, University of Waterloo Karla Hoffman , Landscape Consultant, FireSmart BC	
	Breakout 2.d - Collaborative Wildfire Management: Lessons from Community Forests	Grand Ballroom
	Community forest agreements are one of BC's best tools for creating more resilient forests and communities. For over a decade, community forest agreement holders in BC (community forests) have been proactively working to reduce the risk of wildfire to communities. With community-held licences situated in the forests surrounding communities, these local organizations are in a unique position to serve as leaders in the coordination and management of the wildland urban interface to reduce the risk of wildfire to Indigenous and rural communities. Leveraging this opportunity, the BC Community Forest Association is working with BC Wildfire Service to strengthen relationships and find innovative and adaptive solutions. This session will share the experiences of community forest managers in wildfire preparedness, prevention, response, and recovery.	
	Jennifer Gunter, Executive Director, BC Community Forest Association Aurora Lavender, Executive Director, BC Community Forest Association Erik Leslie, Forest Manager, Harrop-Procter Community Forest Garnet Mierau, Planning Forester, Forsite Consultants Ltd.	
1215 - 1230	Transition	
1230 - 1315	Lunch Sponsored by: Hummingbird Drones/Fire Al	Grand Ballroom

1315 - 1415	Panel 2 - Fire and Insurance	Grand Ballroom
	This panel of experts will discuss the role that insurance plays in wildfire, as well as highlight the most common misconceptions, the biggest hurdles we are likely to face and the ways that we can work together in the near future.	
	Moderator: Joel Hamilton, Home Partners Program Provincial Coordinator, Fire Chiefs' Association of BC/FireSmart BC	
	Panellists: Cheryl Evans , Director, Flood and Wildfire Resilience, Intact Centre on Climate Adaptation Michelle Laidlaw , AVP Home Portfolio, The Co-operators Julie Skelton , Vice President of Personal Insurance Operations, HUB International Insurance Brokers	
1415 - 1430	Transition	
1430 - 1515	Concurrent Breakout Sessions 3	
	 Breakout 3.a - FireSmart Community Funding & Supports Union of BC Municipalities (UBCM) will discuss FireSmart Community Funding & Supports, highlight changes that were made in 2023 and provide some insight as to what might be coming for 2024. Danyta Welch, Manager, Local Government Program Services, Union of BC 	Grand Ballroom
	Municipalities Jonas Woodrow, Program Officer, Union of BC Municipalities	
	Breakout 3.b - From Owl to Tenquille Creek: The Partnerships Behind Expanding Cultural Burning in Lil'wat Nation Traditional Territory	
	The presenters will share their experiences working together to expand the use of cultural burning in Lil'wat Nation Traditional Territory. Working together to return good fire to the land, as was done historically by Lil'wat people for thousands of years, this group is looking to the future of collaborative land stewardship in BC.	
	Sara Barker, Stewardship Officer, Ministry of Forests Jordon Gabriel, Manager of Cultural Activities, Lil'wat Forestry Ventures L.P. Marc Simpson, Wildfire Officer, BC Wildfire Service Klay Tindall, General Manager Forestry Operations, Lil'wat Forestry Ventures L.P.	

	Breakout 3.c - Canadian Mental Health Association: Resilient Minds™	Junior D			
	An evidence and trauma informed, peer-to-peer, skill-building program designed by and for career and volunteer firefighters across Canada.				
	Steve Fraser, Lead Instructor and Curriculum Developer, Resilient Minds				
	Breakout 3.d - Research and Innovation in the BC Wildfire Service				
	An overview of the BC Wildfire Service Research and Innovation business area, which was established 2018 to facilitate research across a broad scope of topics including wildland fire personnel health and wellness, wildland fire science, and human and social factors, and to explore innovative products and services in order to help modernize wildfire management in British Columbia.				
	Natasha Broznitsky , Research and Innovation Officer, BC Wildfire Service Mike McCulley , Research and Innovation Officer, BC Wildfire Service				
1515 - 1530	Transition				
1530 - 1630	Keynote 1 - Encouraging and Supporting FireSmart Activities: Insights From Social Science Research	Grand Ballroom			
	Wildfire social scientists in Canada and elsewhere have studied wildfire mitigation by residents and communities. In this keynote presentation, Dr. McGee will present results of social science research which can help to encourage and support the development and implementation of FireSmart activities at the property and community levels in British Columbia.				
	Dr. Tara McGee, Professor, University of Alberta				
1630 - 1700	Lynn Orstad Award Presentation	Grand Ballroom			
	In memory of Lynn Orstad, a female trailblazer in wildfire risk mitigation, FireSmart BC, FireSmart Alberta, and Co-operators are recognizing women in British Columbia or Alberta who have contributed to furthering wildfire resiliency in their community, agency or province. The Lynn Orstad Award – Women in Wildfire Resiliency is an annual award honouring women who have made significant contributions in wildfire resilience and advocacy efforts. This year is the inaugural year and winners will be announced during this presentation.				
	Presenter: Laura Stewart, FireSmart Specialist, Forestry, Parks and Tourism, Alberta Wildfire Amanda Reynolds, Provincial Firesmart Coordinator, First Nations' Emergency Services Society/FireSmart BC				

1700 - 1705	Closing Remarks Kelsey Winter, FireSmart Program Lead/BCFSC Chair, BC Wildfire Service	Grand Ballroom
1730 - 1930	Delegate Reception	Level 3 Foyer

Thursday, May 11			
Time	Session	Room	
0700	Registration Opens	Lower Lobby	
0730 - 0830	Breakfast Sponsored by: Perimeter Solutions Canada	Grand Ballroom	
0830 - 0845	Welcome and Opening Remarks Day 2 Indigenous Welcome: Squamish Kelsey Winter, FireSmart Program Lead/BCFSC Chair, BC Wildfire Service	Grand Ballroom	
0845 - 0930	 Keynote 2 - Community Engagement Across the Emergency Management Lifecycle Engagement enables resilience. Sharing lessons learned from Australia – this presentation will look at 'why' communities behave the way they do and what practitioners can do to improve community engagement before, during and after an emergency. Christina Hanger, Senior Change Management Advisor, Country Fire Authority 	Grand Ballroom	
0930 - 0945	Transition		
0945 - 1145	Concurrent Workshops 1 & Breakouts 5		
	 Workshop 1.a - FireSmart Coordinator Workshop Moderator: Willow Bloomquist, Fire Prevention Officer/FireSmart Coordinator, Dashwood Fire Department Presenters: Ashlene Aktarian, FireSmart Coordinator, Sooke Fire Rescue Andrew Schellenberg, FireSmart Coordinator, Fraser Valley Regional District Wesley Brassard, FireSmart Coordinator, Fire Rescue Services, City of Vernon Craig Wilson, Co-Founder and Operations Manager, Mammoth Forestry 	Grand Ballroom	

Spend some time with other FireSmart Coordinators in a facilitated workshop that will:	
 Update you on the latest and greatest programs 	
Provide you with networking opportunities	
Give you the chance to provide feedback on what you need from FireSmart BC to	
be successful in your area	
Learn about triumphs and challenges from other FireSmart Coordinators with well-	
established programs	
Workshop 1.b - First Nations' Wildfire Response: Connecting Research to Operations	Pavilion
Community wildfire resiliency takes many forms. An emerging pathway for community	
wildfire resiliency is community engagement and leadership in wildfire response,	
especially for First Nations communities. Our research, led by the University of British	
Columbia in collaboration with the First Nations' Emergency Services Society (FNESS)	
and BC Wildfire Service (BCWS), highlights First Nations' expertise and experiences in	
wildfire response and identifies lessons learned related to developing, implementing	
and operating diverse wildfire response models, such as initial attack crews, unit crews,	
volunteer structural fire crews with wildland fire training, and liaisons. This session will	
summarize the research results and identify key operational recommendations, as well	
as how these recommendations align with current and future programming in FNESS	
and BCWS.	
Moderators:	
Dr. Kelsey Copes-Gerbitz, Researcher, Department of Forest Sciences, University of	
British Columbia	
Rikki MacCuish, Project Manager, BC Wildfire Service	
Presenters:	
Rob Bosse, Wildfire Specialist, First Nations' Emergency Services Society	
Heather Fehr, Manager First Nations and Indigenous Relations, BC Wildfire Service	
Parm Lalli-Hayre, Senior Capital Advisor, Community Infrastructure Directorate,	
Indigenous Services Canada	
Attila Nelson, Indigenous Coordinator, BC Wildfire Service	
Dave Pascal, Cultural and Prescribed Fire Specialist, First Nations' Emergency Services	
Society	

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0945 - 1030	 Breakout 5.a - Wildfire Resiliency Planning – Crown Land Wildfire Risk Reduction (CLWRR) The Crown Land Wildfire Risk Reduction (CLWRR) program is administered through the Ministry of Forests in collaboration with the BC Wildfire Service (BCWS), Natural Resource Regions and Districts, BC Parks, and Mountain Resorts Branch. Planning for wildfire resiliency occurs at all scales from the landscape to the community scale. There are intersections with forest policy and regulation, CLWRR tactical and CWRP planning related to this area. Kelly Osbourne, Fire and Fuel Management Officer, BC Wildfire Service 	Junior ABC
	 Breakout 5.b - Community Wildfire Resiliency Listen to Roy Spinks and Darryl Adrian share their stories around how they've found success in working towards Community Wildfire Resiliency. They will share experiences from fuel treatment to FireSmart work with individual homeowners. Community Wildfire Resiliency doesn't happen down one particular path, it's a journey which focuses on many different aspects of wildfire prevention and working with a variety of different partners. Darryl Adrian, Emergency Management Coordinator, Lillooet Tribal Council Roy Spinks, Implementation Manager, Lytton First Nation 	Junior D
1030 - 1100 1100 - 1145	 Transition Breakout 5.c - Wildfire Development Permit Areas, Smoke Detectors for Your Community's Wildfire Prevention Program? In many ways the use of residential smoke detectors represents one of the most powerful harm prevention tools available. This is because their use is required by code and because little maintenance is required to ensure their effectiveness. In this session Bill will explain how the District of Squamish's wildfire Development Permit Area (DPA) does, and does not, provide this effortless level of wildfire protection. Bruce Blackwell, Owner/Principal, B.A. Blackwell & Associates Ltd. Chief Bill Stoner, Fire Chief, Squamish Fire Rescue 	Junior ABC

Breakout 5.d - Sponsor Ignite Session	Junior D
1100 - 1115: Incorporating FireSmart into Wildfire Management in BC Presented by B.A. Blackwell & Associates	
Since 1988, BA Blackwell & Associates Ltd has provided high quality, cost-efficient, professional integrated forestry and environmental management services to all levels of government, First Nations, and private sector clients across BC. Listen in on this presentation of how BA Blackwell has incorporated FireSmart into its wildfire management portfolio, and applied its breadth of knowledge, experience, and expertise towards helping the Province and its many communities and First Nations work towards more fire resilient and adaptive futures.	
Louis Orieux, RPF, Associate, Project Manager, B.A. Blackwell & Associates Ltd.	
1115 - 1130: Pro-Active and Reactive applications of Long-Term Fire Retardants Presented by Perimeter Solutions Canada	
During the 1980s, Class A foams were successfully introduced in wildland fire suppression. In February of 1990, Phos-Chek WD-881 was used to extinguish the Hagersville, Ontario tire fire. An extensive marketing effort by foam manufacturers ensued to bring Class A foam from wildland fire to municipal and rural fire departments.	
A Deja Vue for some of us, another wildland fire tool, long-term fire retardant, is moving into municipal and rural fire services that regularly respond to wildland fires. Phos-Chek long-term fire retardants have been used in aerial fire fighting for 60 years and are often referred to as "the red stuff that comes out of an airtanker"; they have evolved over all these years into products that are completely safe for people, pets, wildlife, and plants. And there is no need to worry about painting everything red; Phos-Chek is now available in uncolored or fading color (fugitive) formulations.	
Captain (ret) Rich Snyder from Sierra Madre California will be sharing his 30+ years of experience with ground applications of Phos-Chek fire retardants in protecting residences, communities, critical infrastructure, egress routes, etc. from wildland fires.	
Rich Snyder, Sierra Madre, California	

	 	
1145 - 1200	Transition	
1200 - 1245	Lunch Sponsored by: Safetek Profire	Grand Ballroom
1245 - 1300	Transition	
1300 - 1445	Concurrent Workshops 2 & Breakouts 6	
	 Workshop 2.a - Community FireSmart and Resiliency Committee Spend some time with other Community FireSmart and Resiliency Committees (CFRC) in a facilitated workshop that will: Update you on the changes to the suggested Terms of Reference and Guidance document Provide you with networking opportunities Give you the chance to provide feedback on what you need from FireSmart BC to be successful in building or strengthening your CFRCs Learn about triumphs and challenges from other CFRCs with well-established programs 	
	Moderators: John Cathro, President, Cathro Consulting Joel Hamilton, Home Partners Program Provincial Coordinator, Fire Chiefs' Association of BC/FireSmart BC Presenters: Terry Balan, Wildfire Resiliency Supervisor, Regional District of East Kootenay Tom Hansen, Emergency Program Coordinator, Columbia Shuswap Regional District Kelly Osbourne, Fire and Fuel Management Officer, BC Wildfire Service Chief Ted Ruiter, Fire Chief, The District of Sooke	

Workshop 2.b -	FireSmart Community Wildfire Resiliency Challenge	Pavilion			
In a facilitated workshop, get together with a team of like-minded FireSmart professionals and develop a one-year plan to improve your fictional community's wildfire resiliency. You'll be given money, fight the timer, and overcome challenges along the way. Prizes, bragging rights, and a ton of new information are all in store.					
Moderators: Andrew Hanser	n, President, SitePartners/FireSmart BC				
	, FireSmart Research Analyst, FireSmart BC				
1300 - 1345	Breakout 6.a - Lessons Learned Through Stress-Tested Wildfire Risk Reduction Treatments	Junior D			
	The 2021 wildfire season was extreme in weather conditions, fire occurrence, and size/severity, available resources, and impacts to communities. As forest professionals working within wildfire preparedness and mitigation, John and Garnet will share their real-world experiences and successes working with communities before, during and after significant wildfires.				
	John Davies, Business Unit Lead - Forsite Fire, Forsite Consultants Ltd. Garnet Mierau, RPF Senior Planning Forester, Foresite Consultants Ltd., Logan Lake Community Forest Corporation				
	Breakout 6.b - Community Showcase: Tsleil-Waututh Nation	Junior ABC			
	This session will provide an overview of the mitigation work Tsleil- Waututh Nation has accomplished through funding. Highlighting the importance of both vegetation management and FireSmart principles. Nini Samra the Emergency Program Coordinator will discuss the importance of working relationships both within the community and outside that have attributed to their program success. In particular you will learn about Inlailawatash arborist crew is made of the Tsleil- Waututh community members and has been involved with FireSmart activities since 2019.				
	Derian Blake, Project Coordinator, Inlailawatash L.P. Anastasia Ruumi, Project Coordinator, Inlailawatash L.P. Nini Samra, Emergency Program Coordinator, Tsleil-Waututh Nation				
1345-1400	Transition				



1400 - 1445	 Breakout 6.c - Partners in Progress: Collaboratively Developing the New FireSmart Education Program This session will explore the exciting new K-12 FireSmart education program and will highlight the collaborative processes and key features of the learning materials. Designed for anyone involved in education programs, the session will also feature opportunities to try some of the materials and activities from the program. Amanda Reynolds, Provincial Firesmart Coordinator, First Nations' Emergency Services Society Warren Woytuck, Director, The Critical Thinking Consortium 	Junior ABC
	Breakout 6.d - Sponsor Ignite Session	Junior D
	1400 - 1415: Empowering Students and Researchers to Launch Novel Wildfire Response Solutions Presented by Hummingbird Drones/Fire Al	
	Too often quality ideas die in the methods sections of research papers. Join us as we discuss knowledge mobilization and bridging the gap between researcher and industry. By providing the platform, we can help small, often underfunded ideas, flourish and overcome challenges ranging from development and marketing to data sharing and privacy concerns.	
	We believe that the benefits of building a knowledge network far outweigh the challenges. By working together we can materially change the future of fighting wildfires.	
	Robert Atwood, CEO and Co-Founder, Hummingbird Drones/Fire Al	
	1415 - 1430: WATERAX – Moving Water for the Modern Day Wildland Fire Fighter Presented by WASP Manufacturing	
	For more than a century, WATERAX trail-blazed the wildland industry by placing powerful, reliable lightweight portable pumps into the hands of firefighters to move water to keep people safe, protect our forests and communities from the ravages of wildfires.	

	In this session we will explain how lightweight portable high-pressure pumps have evolved to become a weapon of choice to build effective water handling systems to fight fires in remote areas around the world. We will cover the evolution of our portable fire pumps from its inception in 1925 to the new and revolutionary MARK-3 Watson Edition. Mario Janson, Regional Sales Manager, WATERAX	
1445 - 1500	Transition	
1500 - 1600	 Panel 3 - Allyship, Collaboration and Partnerships: Indigenous Voices and Perspectives on Fire Stewardship The theme for this year's Wildfire Resiliency and Training Summit is Partners in Progress, which recognizes that allyship, collaboration and partnerships are crucial for safeguarding communities and building fire resiliency. Through a panel discussion format, you will hear stories and experiences about the importance of honouring Indigenous voices and perspectives on fire stewardship. Moderator: Jonas Joe, Wildfire Tech, BC Wildfire Service Panellists: George Campbell, Wildfire Officer, BC Wildfire Service Natasha Caverley, President, Turtle Island Consulting Services Inc. Jeff Eustache, Senior Policy Advisor, Natural Resources Canada 	Grand Ballroom
1600 - 1645	Day 2 Closing Remarks George Campbell, Wildfire Officer, BC Wildfire Service	Grand Ballroom
	No evening function	

Friday, May	y 12	
Time	Session	Room
0700	Registration Opens	Lower Lobby
0730 - 0830	Breakfast Sponsored by: Verisk/Opta	Level 3 Foyer
0830 - 0845	Transition	
0845 - 1015	Zone Host Meetings Take the opportunity to meet the other wildfire professionals in your area. Whether you're Fire Department, BC Wildfire Service, First Nations' Emergency Services Society, a FireSmart Coordinator or another wildfire community representative, this is your chance to spend facetime with the other FireSmart individuals in your neck of the woods. During this facilitated session you will get a chance to ask your questions and have them answered.	
	Zone 1: Vancouver Island	Junior ABC
	Zone 2: Lower Mainland	Junior C
	Zone 3: Central Interior	Junior D
	Zone 4: Kootenays	Pavilion AB
	Zone 5: North	Pavilion C
0900 - 1700	Exhibitors and Artisan Vendors Open	Level 3 Foyer
1015 - 1030	Transition	
1030 - 1045	Welcome and Opening Remarks Day 3 Indigenous Welcome: Tsleil-Waututh Chief Brian Hutchinson, Fire Chief, District of North Vancouver Fire Department Chief Larry Watkinson, Fire Chief, Penticton Fire Rescue	Grand Ballroom

1045 - 1145	Panel 4 - FireSmart and Structure Protection, the Why-How-What Hear from a panel of experts about the linkages between FireSmart principles and Structural Protection. Why we integrate the two, how they complement each other and what it is that we do in this space to increase community wildfire resiliency. Moderator: Chief Larry Watkinson, Fire Chief, Penticton Fire Rescue Panellists: Scott Cronquist, Structure Protection Specialist, BC Wildfire Service Chief Kelly Johnston, Fire Chief, Apex Volunteer Fire Rescue, Structure Protection Specialist, BC Wildfire Service	Grand Ballroom
	Craig Moore, Owner, Rider Ventures Ltd. Brittany Seibert, Emergency Program Coordinator, Penticton Fire Department	
1145 - 1200	Transition	
1200 - 1315	Lunch Sponsored by: WASP Manufacturing	Level 3 Foyer
1315 - 1330	Transition	
1330 - 1430	 Keynote 3 - California's Focus on Community Resiliency Today's wildfire environment has changed, allowing for longer fire seasons with more intense and destructive wildfires. A changing climate, land use, fire suppression, population growth, and other factors have contributed to putting millions of homes and hundreds of communities at extreme risk of wildfire. In California a key component of their strategy has focused on community preparedness. Get the latest on wildfire science research, legislative change, parcel/level and community mitigations, building construction, land use planning, and public education. Daniel Berlant, Acting State Fire Marshal/Deputy Director of Community Wildfire Preparedness and Mitigation, California Department of Forestry and Fire Protection 	Grand Ballroom
1330 - 1430	Panel 5 - Wildfire in CaliforniaHear from a panel of experts from Cal Fire about everything from asset deployment, communications, community programming and land based risk mapping. Bring your curiosity and your questions as this group showcases what they've learned from some of the most catastrophic fire seasons on our continent.Moderator: Rob Schweitzer, Executive Director, BC Wildfire Service	Grand Ballroom

	 Panellists: Daniel Berlant, Acting State Fire Marshal/Deputy Director of Community Wildfire Preparedness and Mitigation, California Department of Forestry and Fire Protection Anale Burlew, Assistant Deputy Director of Fire Protection, California Department of Forestry and Fire Protection Mike Parkes, Assistant Deputy Director of Aviation and Fleet Programs California Department of Forestry and Fire Protection Nick Schuler, Deputy Director of Communications and Emergency Incident Awareness, California Department of Forestry and Fire Protection 	Grand Ballroom
1600 - 1700	Indigenous Wildland Firefighter Honour Ceremony Last year at the Wildland Fire Canada Conference in Edmonton, a team of Indigenous fire practitioners and the International Association of Wildland Fire came together to honour the first-ever Indigenous Wildland Firefighter. Nominations were received from all over Canada and two individuals were selected and honoured at the event. In recognition of the critical role Indigenous Peoples have in fire stewardship, wildfire management and knowledge production across the province, the Wildfire Resiliency and Training Summit will be honouring the BC nominees who did not attend the Wildland Fire Canada Conference.	Grand Ballroom
1700	Closing Remarks Rachel Woodhurst, A/Chair of the BC FireSmart Committee and A/FireSmart BC Program Lead	Grand Ballroom
1800 - 2200	Social Event - Polygon Gallery, North VancouverJoin us for a special evening on the waterfront in North Vancouver, featuring delicious west coast cuisine, local libations, live music and spectacular views, this is an event you are not going to want to miss. Shuttles will be available from the Sheraton hotel to the Polygon and then return to all hotel properties.1730 - Shuttles depart Sheraton Vancouver Wall Centre for Polygon Gallery	Polygon Gallery (101 Carrie Cates Ct, North Vancouver)

Capilano University

Saturday	y, May 13			
Time	Leadership Sessions	Room	Operations Sessions	Room
0700 - 1700	Registration Open			Birch Atrium
0730 - 0830	Breakfast			Birch Atrium
0800 - 0830	Welcome and Opening Remarks Indigenous Welcome: Tsleil-Waututh			Theatre
	Chief Brian Hutchinson, Fire Chief, District o	f North Van	couver Fire Department	
0815 - 0900	Keynote: Fire Weather 101TheFire behavior is driven by three critical factors; fuel, topography, and weather. In recent years, the BC Wildfire Service has formed a team of Fire Weather Meteorologists and Fire Behavior Experts that make up the Predictive Services Unit. By tracking fuel moisture conditions and fire weather indices, fire weather forecasters produce specialized weather briefings, forecasts, alerts, and 			
0830 - 1200	Concurrent Training Sessions - LEADERSHIP (Day 1 of 2)		Concurrent Training Sessions - OPERATION (Day 1 of 2)	S
	Task Force/Strike Team Leader ADVANCED Single Resource GroupInstructors:Brian Hutchinson, Fire Chief, District North Vancouver Fire and Rescue Services Robert Krause, Structure Protection Specialist, BC Wildfire Service Larry Watkinson, Fire Chief, Penticton Fire Department	BR322	Wildland Structure Protection Program (WSPP-115) Instructors: Brad Burnett, Structure Protection Specialist, BC Wildfire Service, Creston Kevin Dalgarno, Structure Protection Specialist, BC Wildfire Service, BX Swan Lake	BR291

	Emergency Operations Centre (EOC)/Fire Branch Instructors: Dennis Craig, Fire Chief, Peachland Fire Department Travis Whiting, Fire Chief, Kelowna Fire Department	BR343	Wildland Firefighter-1 'Train the Trainer' (WSPP-FF1) Instructors: Neill Moroz, Structure Protection Specialist, BC Wildfire Service Brittany Siebert, Emergency Program Coordinator, Penticton Fire Department	BR263
	Task Force/Strike Team Leader Level-1 (TF1) Single Resource GroupInstructors: Scott Cronquist, Structure Protection Specialist, BC Wildfire Service Lou Wilde, Structure Protection Specialist, BC Wildfire Service	BR323	Engine Boss (ENGB) Instructors: Kris Anderson, Captain, Burnaby Fire Department Kirk Corby, Battalion Chief, Victoria Fire Department Chad Gartrell, Deputy Fire Chief, West Kelowna Fire Department Brent Watson, Deputy Fire Chief, West Kelowna Fire Department Paul Windsor, Structure Protection Specialist, BC Wildfire Service, Chemainus	BR247
	Structure Protection Base/Staging Manager Instructors: Stephanie Dunlop, Fire Chief, Metchosin Fire Department Kathy Walker, Logistic Section Chief, BC Wildfire Service	BR321	Wildfire Operations 'Boots on the Ground' Instructors: Aws Al-Mubarak Simon Bermudez Instructors: Aws Al-Mubarak Krista Ruby Marilyn Haire Trevor Moore Matt Brooks Ryan Webster	BR381
1100 - 2000	Exhibitors Open Located in the Birch building atrium and par	king lot		
1200 - 1300	Lunch			Birch Atrium
1300 - 1630	Concurrent Training Sessions - LEADERSHIP (Day 1 of 2)Concurrent Training Sessions - OPERATIONS (Day 1 of 2)			S
	Task Force/Strike Team Leader ADVANCED Single Resource Group	BR322	Wildland Structure Protection Program (WSPP-115)	BR291

	Instructors:Scott Cronquist, Structure ProtectionSpecialist, BC Wildfire ServiceLou Wilde, Structure Protection Specialist,BC Wildfire ServiceEmergency Operations Centre (EOC)/FireBranchInstructors:Dennis Craig, Fire Chief, Peachland FireDepartmentTravis Whiting, Fire Chief, Kelowna FireDepartment	BR343	Instructors: Brad Burnett, Structure Protection Specialist, BC Wildfire Service, Creston Kevin Dalgarno, Structure Protection Specialist, BC Wildfire Service, BX Swan Lake Wildland Firefighter-1 'Train the Trainer' (WSPP-FF1) Instructors: Neill Moroz, Structure Protection Specialist, BC Wildfire Service Brittany Siebert, Emergency Program Coordinator, Penticton Fire Department	BR263
	Task Force/Strike Team Leader Level-1 (TF1) Single Resource Group Instructors: Scott Cronquist, Structure Protection Specialist, BC Wildfire Service Lou Wilde, Structure Protection Specialist, BC Wildfire Service	BR323	Engine Boss (ENGB) Instructors: Kris Anderson, Captain, Burnaby Fire Department Kirk Corby, Battalion Chief, Victoria Fire Department Chad Gartrell, Deputy Fire Chief, West Kelowna Fire Department Brent Watson, Deputy Fire Chief, West Kelowna Fire Department Paul Windsor, Structure Protection Specialist, BC Wildfire Service, Chemainus	BR247
	Structure Protection Base/Staging Manager Instructors: Stephanie Dunlop, Fire Chief, Metchosin Fire Department Kathy Walker, Logistic Section Chief, BC Wildfire Service	BR321	Wildfire Operations 'Boots on the Ground' Instructors: Aws Al-Mubarak Simon Bermudez Instructors: Aws Al-Mubarak Krista Ruby Marilyn Haire Trevor Moore Matt Brooks Ryan Webster	BR381
1800 - 2000	Networking/Social Gathering/BBQ			Birch Atrium

Sunday,	Sunday, May 14					
Time	Session	Room		Room		
0700 - 1200	Registration Open			Birch Atrium		
0730 - 0830	Breakfast			Birch Atrium		
0830 - 1200	Concurrent Training Sessions - LEADERSHIP (Day 2 of 2))	Concurrent Training Sessions - OPERATIONS (Day 2 of 2)	S		
	Task Force/Strike Team Leader ADVANCEDInstructors: Brian Hutchinson, Fire Chief, District North Vancouver Fire and Rescue Services Robert Krause, Structure Protection Specialist, BC Wildfire Service Larry Watkinson, Fire Chief, Penticton Fire 	BR322	Wildland Structure Protection Program (WSPP-115) Instructors: Neill Moroz, Structure Protection Specialist, BC Wildfire Service Brittany Siebert, Emergency Program Coordinator, Penticton Fire Department	BR291		
	Large Water Supply Instructors: Rob Brown, Structure Protection Specialist, BC Wildfire Service, Armstrong Mike Engholm, Structure Protection Specialist, BC Wildfire Service, Chase John Macdonald, Structure Protection Specialist, BC Wildfire Service, Big White Gord Noble, Structure Protection Specialist, BC Wildfire Service, Armstrong Gord Parker, Structure Protection Specialist, BC Wildfire Service, Port Moody Kyle Parker, Structure Protection Specialist, BC Wildfire Service, Lytton Bill Wacey, Structure Protection Specialist, BC Wildfire Service	BR265	Wildland Firefighter-1 'Train the Trainer' (WSPP-FF1) Instructors: Neill Moroz, Structure Protection Specialist, BC Wildfire Service Brittany Siebert, Emergency Program Coordinator, Penticton Fire Department	BR263		

	Task Force/Strike Team Leader Level-1 (TF1)Instructors: Scott Cronquist, Structure Protection Specialist, BC Wildfire Service Lou Wilde, Structure Protection Specialist, BC Wildfire Service	BR323	Engine Boss (ENGB) Instructors: Kris Anderson, Captain, Burnaby Fire Department Kirk Corby, Battalion Chief, Victoria Fire Department Chad Gartrell, Deputy Fire Chief, West Kelowna Fire Department Brent Watson, Deputy Fire Chief, West Kelowna Fire Department Paul Windsor, Structure Protection Specialist, BC Wildfire Service, Chemainus	BR247
	Structure Protection Base/Staging Manager Instructors: Stephanie Dunlop, Fire Chief, Metchosin Fire Department Kathy Walker, Logistic Section Chief, BC Wildfire Service	BR321	Wildfire Operations 'Boots on the Ground' Instructors: Aws Al-Mubarak Simon Bermudez Instructors: Aws Al-Mubarak Krista Ruby Marilyn Haire Trevor Moore Matt Brooks Ryan Webster	BR381
1200 - 1300	Lunch			Birch Atrium
1300 - 1630	Concurrent Training Sessions - LEADERSHIP (Day 2 of 2)		Concurrent Training Sessions - OPERATIONS (Day 2 of 2)	
	Task Force/Strike Team Leader ADVANCEDInstructors:Brian Hutchinson, Fire Chief, District North Vancouver Fire and Rescue Services Robert Krause, Structure Protection Specialist, BC Wildfire Service Larry Watkinson, Fire Chief, Penticton Fire Department	BR322	Wildland Structure Protection Program (WSPP-115) Instructors: Brad Burnett, Structure Protection Specialist, BC Wildfire Service, Creston Kevin Dalgarno, Structure Protection Specialist, BC Wildfire Service, BX Swan Lake	BR291

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1630	Departure/Check-out			

Summit Activities

Lynn Orstad Award Presentation

May 10, 4:30pm – 5:00pm Grand Ballroom, Sheraton Vancouver Wall Centre

In memory of Lynn Orstad, a female trailblazer in wildfire risk mitigation, FireSmart BC, FireSmart Alberta, and Co-operators are recognizing women in British Columbia or Alberta who have contributed to furthering wildfire resiliency in their community, agency or province. The Lynn Orstad Award – Women in Wildfire Resiliency is an annual award honouring women who have made significant contributions in wildfire resilience and advocacy efforts. This year is the inaugural year and winners will be announced during this presentation.

Conference Reception

May 10, 5:30pm – 7:30pm Third floor foyer of the Sheraton Vancouver Wall Centre

Join us for a casual early evening reception and meet and greet with your fellow conference delegates. This event will feature a variety of small bite grazing stations and give you an opportunity to unwind and reflect on day one of the conference.

Indigenous Wildland Firefighter Honour Ceremony

May 12, 4:00pm - 5:00pm

Last year at the Wildland Fire Canada Conference in Edmonton, a team of Indigenous fire practitioners and the International Association of Wildland Fire came together to honour the first-ever Indigenous Wildland Firefighter. Nominations were received from all over Canada and two individuals were selected and honoured at the event.

In recognition of the critical role Indigenous Peoples have in fire stewardship, wildfire management and knowledge production across the province, the Wildfire Resiliency and Training Summit will be honouring the BC nominees who did not attend the Wildland Fire Canada Conference.

Summit Activities

Summit Social Event

May 12, 6:00pm – 10:30pm Polygon Gallery 101 Carrie Cates Court, North Vancouver, BC

Join us for a special evening on the waterfront in North Vancouver, featuring delicious west coast cuisine, local libations, live music and spectacular views, this is an event you're not going to want to miss! This event is open to all conference and training participants. Shuttles will be available from the Sheraton Vancouver Wall Centre to the Polygon and then returning to all hotel properties. We look forward to seeing everyone there!

Training Participant BBQ

May 13, 5:30pm – 8:30pm Capilano University 2055 Purcell Way, North Vancouver, BC

All training participants and instructors are invited to join in a hamburger BBQ in the Birch building at Capilano University. Will feature wine and beer from FireSmart BC partners Peller Estates and Okanagan Springs.

Exhibitors

Make sure to check out our exhibitors at both the Sheraton Vancouver Wall Centre and Capilano University. Exhibitors include sponsor booths, artisan vendors and others.

May 12 | 9:00am – 5:00pm Sheraton Vancouver Wall Centre Level 3 foyer

May 13 | 11:00am – 8:00pm Capilano University Birch building atrium and parking lot

Event Bus Schedule

Complimentary shuttle bus service is available to all registered delegates as outlined below.

Friday, May 12, 2023	Departure Times (at origin)
Capilano University to Sheraton Wall Centre	7:00 am; 8:00 am; 9:00 am
Sheraton Wall Centre to Polygon Gallery	5:30 pm; 6:00 pm; 6:30 pm
Capilano University to Polygon Gallery	5:30 pm
Polygon Gallery to Sheraton Wall Centre	8:00 pm; 9 pm; 9:45 pm; 10:30 pm
Polygon Gallery to Holiday Inn (Capilano University drop-off upon request)	8:15 pm; 9:15 pm; 10:15 pm

Saturday, May 13, 2023	Departure Times (at origin)	
Pinnacle Hotel to Holiday Inn to Capilano University	7:00 am	
Holiday Inn to Capilano University	7:15 am	
Capilano University to Holiday Inn (Pinnacle Hotel drop-off upon request)	5:00 pm; 5:45 pm; 6:30 pm; 7:15 pm; 8:00 pm; 8:45 pm	

Sunday, May 14, 2023	Departure Times (at origin)
Pinnacle Hotel to Holiday Inn to Capilano University	7:00 am
Holiday Inn to Capilano University	7:15 am
Capilano University to Holiday Inn (Pinnacle Hotel drop-off upon request)	5:00 pm; 5:30 pm

Thank You to Our Sponors



Sheraton Vancouver Wall Centre Hotel

Level 3 - Breakout Rooms & Exhibitors



Grand Ballroom - Plenary



Venue Map

Capilano University



Birch Building - Third Floor





For more information visit wildfiresummit.ca