



Canadian Risk and Hazards  
(Knowledge and Practice)  
Network

Réseau canadien d'étude  
des risques et dangers  
(connaissances et pratiques)



## **CRHNet Conference**

**Sheraton Wall Centre, Vancouver, BC Canada**

**October 30 – November 01, 2018**

# **Dealing with Uncertainty: Innovation & Practice Program at-a-Glance**

Time	Tuesday October 30, 2018			
1200	<b>Registration</b>			
	<b>Pavillion Ball Room</b>			
1300	<b>Welcome: <i>Michel Dore</i>, President CRHNet</b> <b>Opening Remarks: <i>Madeline Maley</i>, A/Assistant Deputy Minister</b> <b>Keynote: <i>David Hutton</i></b> <b>Reflections on Resiliency and Innovation from the Gaza Strip.</b>			
1430	<b>Refreshment Break</b>			
	<b>Pavilion</b>	<b>Finback</b>	<b>Orca</b>	<b>Granville</b>
	<b>T05: Understanding Disaster through the Arts</b>	<b>T02: Integrated Research and Practice</b>	<b>T03: Dealing with Uncertainty</b>	<b>GS04: Social Sciences and Services</b>
1500	<i>J. Slick</i> Painting as a Research Method	<i>B. Murphy</i> Inter-Community Service Collaboration: Enhancing Rural Infrastructure Preparedness for Climate Change	<i>E. Haque</i> A Critical Analysis of the Developments on Determining Attribution of Climate Change to Extreme Events	<i>B. Vogel</i> Sub-National Government Efforts to Activate and Motivate Local Climate Change Adaptation: Nova Scotia, Canada
1530	<i>J. Rozdilsky</i> Coping with Disaster Using Art After the Toronto Van Attack	<i>J. Drolet, C. McDonald-Harker, R. Cox</i>		<i>J. Stone &amp; L. Yumagulova</i> Planning for disaster recovery: Economic and social assets
1600	<i>A. Tanner</i> Waltz in times of change: The Use of Movement to Connect Emotion and Memory to Disaster Risk Reduction	<b>Panel</b> Child and Youth Resilience: Findings from the Alberta Resilient Communities Project	<i>S. Malouin</i> ISC Québec regional model of excellence in Risk Reduction in First Nations communities	
1630	<b>End of Sessions for Day One</b>			
1700	<b>CRHNet Shared Social Event with Emergency Preparedness and Business Continuity Conference</b>			
1900	<b>Poster Presentations - <i>J. Hood</i>: Boko Haram, Islamic Protest &amp; National Security, <i>L. Nelson</i>: ISO Climate Change and Environmental/Risk Management &amp; <i>E. English</i> Development of Amphibious Homes for Marginalized and Vulnerable Populations in Vietnam</b> <b>Art Display – <i>J. Slick</i>: Experiencing Fire: A Visual Study based on YouTube Video Accounts of the Ft. Mc Murray Fire &amp; <i>J. Manz-Henezi</i>: The Forest Burns</b>			

Time	Wednesday October 31, 2018			
0730	<b>Delegates' Breakfast</b>			
	<b>Galiano</b>	<b>Finback</b>	<b>Orca</b>	<b>Granville</b>
	<b>T02: Integrated Research and Practice (A)</b>	<b>T02: Integrated Research and Practice (B)</b>	<b>GS04: Social Sciences and Services</b>	<b>T01: Indigenous Disaster Risk Reduction</b>
0830	<p style="text-align: center;"><i>J. Slick</i></p> <p>Experiencing Fire: A Phenomenological Study of YouTube Videos of the Ft. McMurray Fire</p>	<p style="text-align: center;"><i>N. Heldsinger</i></p> <p>FloodSmart Canada: Communication that Motivates and Drives Flood Risk Management in Canada</p>	<p style="text-align: center;"><i>Indigenous Canada &amp; First Nations Health Authority</i></p> <p style="text-align: center;"><i>J. Roy, E. Myers</i></p> <p style="text-align: center;"><b>Panel</b></p> <p>Mental Wellness in Emergencies</p>	<p style="text-align: center;"><i>M. Quinney, L. Quinney, C. Quinney, K. Dion, F. Bryers</i></p> <p style="text-align: center;"><b>Panel</b></p> <p>Building Capacity for Emergency Management in Frog Lake, Alberta</p>
0900	<p style="text-align: center;"><i>T. Lyle</i></p> <p>Intangibles: Working with Communities to Map and Explore Flood Risk and Resilience</p>	<p style="text-align: center;"><i>J. Stone</i></p> <p>Recovery Justice Following Disasters: Intentionality in Recovery Planning</p>		
0930	<p style="text-align: center;"><b>GS04: Social Sciences and Services</b></p> <p style="text-align: center;"><i>A. Valiquette L'Heureux</i></p> <p>Prevention Policies, Crisis Response and Risk Management in the Oil and Gas Sector</p>	<p style="text-align: center;"><i>N. Hastings &amp; R. Bourke</i></p> <p>The Importance of Collecting Information: From Flood Events to Inform Risk Reduction from Future Flood Events</p>		<p style="text-align: center;"><i>L. Archer</i></p> <p>Building Resilience Through Psychosocial Programming</p>
1000	<b>Refreshment Break</b>			
	<b>T01: Indigenous Disaster Risk Reduction</b>	<b>T02: Integrated Research and Practice</b>	<b>T01: Indigenous Disaster Risk Reduction</b>	<b>GS04: Social Sciences and Services (B)</b>
1030	<p style="text-align: center;"><i>M. Heideman, N. Hastings, R. Sterritt, S. Dal Santo, C. Cook</i></p> <p style="text-align: center;"><b>Panel</b></p> <p>Risk Assessment in Indigenous Communities Along BC's Northwest Coast</p>	<p style="text-align: center;"><i>M. Choudhury</i></p> <p>How do local institutional dynamics shape community resilience to natural disasters? Evidence from two disaster prone communities of Bangladesh</p>	<p style="text-align: center;"><i>D. Diabo &amp; M. D'Aquino, A. Dick, M. Charlie, D. Bob, C. Brown</i></p> <p style="text-align: center;"><b>Panel</b></p> <p>First Nations' Perspectives on Coastal Hazards and BC Wildfires</p>	<p style="text-align: center;"><i>C. Pickering</i></p> <p>Spotlight on You(th): Putting Youth at the Forefront of Disaster Risk Reduction</p>

Registration - Foyer - level 1

1100			<p><b>H. Wu</b></p> <p>Social Science Extreme Events Reconnaissance and Interdisciplinary Science and Engineering Extreme Events Reconnaissance</p>		<p><b>T. Plush</b></p> <p># - Awesome! Championing Youth Ideas for a Better Community After the Fort McMurray Wildfire</p>	
1130			<p><b>S. Koopman</b></p> <p>Just Ask - Understanding Successful Volunteers and Community Preparedness Levels</p>		<p><b>J. Rozdilsky &amp; A. A. Mamuji</b></p> <p>Evacuation Response: Kamloops as a Host City</p>	
1200	<b>Delegates' Lunch</b>					
1245	<b>***CRHNet Annual General Meeting***</b>					
		<b>T01: Indigenous Disaster Risk Reduction</b>	<b>T02: Integrated Research and Practice</b>	<b>T06: Managing Response and Supporting Populations</b>	<b>GS01: Industry and Organizations</b>	
1330		<p><b>S. Burke &amp; S. Cardinal</b></p> <p>Integrating Community into Disaster Risk Reduction</p>	<p><b>B. Doberstein</b></p> <p>Protect, Accommodate, Avoid or Retreat (PARA): Canadian Community Options for Flood Disaster Risk Reduction and CC Resilience</p>	<p><b>M. Doré</b></p> <p>Emergency Operation Centres: Between Chaos and Complexity</p>	<p><b>H. Radhakrishnan</b></p> <p><b>Panel</b></p> <p>Developing Climate Resilience in Highway Infrastructure - Professional Practice Guidelines Update</p>	
1400		<p><b>T04: Urban Risk Management</b></p> <p><b>L. Struik</b></p> <p>Resilience is for Losers</p>	<p><b>S. Sahar</b></p> <p>The Way Forward for Maturing the Practice of Risk Assessment</p>	<p><b>A. Tanner</b></p> <p>What's that Sound? The Effect of a Tsunami Evacuation on Risk Perceptions and Protective Behaviour in Port Alberni, BC</p>		
1430h	<b>Refreshment Break</b>					

		<b>T01: Indigenous Disaster Risk Reduction</b>	<b>T02: Integrated Research and Practice</b>	<b>T06: Managing Response and Supporting Populations</b>	<b>GS02-03: Health and Natural Sciences</b>		
1500		<b>S.J. Lambert, D. Friday, L. Stewart, T. Pelletier &amp; Prince Albert Grand Council (TBC)</b> <b>Panel</b> Empowering Indigenous emergency management: The Prince Albert Grand Council/Red Cross Agreement	<b>C. P. Perras</b> Building Resilient Communities: Developing an Experience Feedback Methodology for Flood Risk Mitigation in Québec	<b>E. Woolf</b> Factors Influencing Community Recovery Decision Making: A Case Study of Recovery from the 2016 Fort McMurray Wildfires	<b>K. Lentowicz</b> Adaptation and Innovation for Emergency Management in Rural and Remote Communities		
1530			<b>J. Van del Valk, M.S. North &amp; S. Safaie</b> Adapting Canadian All Hazards Risk Assessment Methodology Guidelines for application to flood consequence classification in BC	<b>L. Pearce</b> Why Your Emergency Plan Will Fail: The Missing Chapter	<b>C. Rogers</b> The Value of Integrating Animal Care: A Four Pillars Approach		
		<b>End of Sessions for Day Two</b>					
		<b>Room Azure</b>					
1700		<b>Young Professionals Mentorship &amp; Networking</b>					
1900		<b><i>An opportunity for seasoned and young professionals to informally exchange experiences</i></b>					
		<i>The CRHNet Young Professionals Committee is holding a Speed Networking Social as part of this year's conference. Join us for an opportunity to connect with emergency management professionals, interact with fellow attendees and ask those burning questions you may have. The networking format will include small groups of attendees matched with an EM professional, after a brief introduction by the expert, each attendee has 1 minute to introduce themselves, and to spell out specifics they would like discussed or question they may have. The expert replies briefly, in 1-2 minutes before the group moves to the next table. Sharing experiences in a group setting provides an excellent opportunity for knowledge and information exchange. A no-host bar will be available along with light refreshments.</i>					

Time	Thursday November 01, 2018			
0730	<b>Delegates' Breakfast: Ballroom</b>			
	<b>Galiano</b>	<b>Finback</b>	<b>Orca</b>	<b>Granville</b>
	<b>T02: Integrated Research and Practice</b>	<b>T02: Integrated Research and Practice</b>	<b>T06: Managing Response and Supporting Populations</b>	<b>T04: Urban Risk Management</b>
0830	<p><b>B. Wiggins</b> The Indigenous Fire Marshal Office - Potential impact on Indigenous Disaster Risk Reduction</p>	<p><b>I. Cloutier &amp; J. Cotten</b>  Amplifying Montréal's Urban Resilience Building Process Through Collaborative Work with Academia</p>	<p><b>T. Hill</b> <b>Kiana Alexander</b> <b>Nigel Deans</b> <b>Dr. Tamara Plush</b> <b>Dr. Robin Cox</b> <b>Aishwarya Gurumurthy</b> <b>Panel</b></p>	<p><b>A. Asgary &amp; B. Dumbuya</b>  Vehicle Weaponization Risk in Urban Areas: A Social Media Analysis of Public Perceptions Following the Toronto Van Attack</p>
0900	<p><b>B. Williams</b> Aboriginal Disaster Resilience Plan - Communities' Experiences</p>	<p><b>T01: Indigenous Disaster Risk Reduction</b>  <b>E. Boissoneau</b>  Mattagami First Nation, Disaster &amp; Emergency Management Success</p>	YAP YAP YAP: Let's Talk Youth-Adult Partnerships in DRR	<p><b>J. Guo</b>  Emerging Engineering Tools for Urban Seismic Loss Reduction and Business Continuity Planning</p>
0930	<p><b>E. English</b> Flood-Resilient Housing for First Nations Communities</p>	<p><b>J. Falls</b>  Emergency Planning for Acadia First Nation</p>		<p><b>M. Journey</b> Catastrophic Earthquake Risk in Canada - From Knowledge to Action</p>
1000	<b>Refreshment Break</b>			
1030	<b>Plenary Session Shared with EPBCC</b>			
1200	<b>Delegates' Lunch – Ballroom</b>			

		<b>T07: Federal Flood Risk Program</b>	<b>T02: Integrated Research and Practice</b>	<b>T06: Managing Response and Supporting Populations</b>	<b>T04: Urban Risk Management</b>
1300		<b>R. Bourke Panel</b> Federal Flood Risk Assessment Guideline Consultation	<b>A. Bird</b> Seismic risk assessment for British Columbia, through the use of Global Earthquake Model's OpenQuake	<b>M.S. Uddin</b> Mapping the Attributes of Community Resilience and its Implication on Disaster Resilience in the Coastal Bangladesh	<b>L. Yumagulova</b> Making a case for resilience investments: Understanding (dis)incentives across the scales of governance
1330			<b>N. Bunzli</b> Using a Participatory Approach at a Regional Scale to Deal with Disaster Risk Management Uncertainty: The Case of Memphrémagog	<b>P. Goodyear</b> Mass Feeding in the 21st Century	<b>D. Moss</b> Analyzing Shanghai's Disaster Vulnerability Using the 'Pressure-and-Release' Model
1400			<b>Public Safety Canada, Indigenous Services Canada and Assembly of First Nations</b>  Inventory of Emergency Management Capabilities in Indigenous Communities	<b>R. Cox &amp; T. Plush</b> "We are more than a checkmark!": Using the 4P Framework to Engage Youth in DRR & Recovery on Their Own Terms	<b>P. Learoyd &amp; S. Bibby</b> Post Disaster Building Assessment: A System of System
1430		<b>R. Bourke</b> Update on Federal Flood Mapping Guideline Series	<b>A. Mamuji</b> Labour Market Integration of Syrian Refugees in Canada: Supports and Challenges in the Greater Toronto Area	<b>R. Reynolds</b> A Platform to Support Coastal Risk Reduction: Sharing Resilience Knowledge Among Coastal Communities	<b>J. Yip</b> Spatially Explicit Robust Impact Patterns: a New Approach to Account for Uncertainties of Long-term Sea-level Rise Impacts
1500		<b>End of Conference</b>			