

AMONTario Climate Change & Asset Management Conference 2021

Part I: Feb. 22-23
Part II: March 22-23
Part III: April 26-27

Interested in strengthening your organization's strategic and operational resilience?

Or in advancing and integrating your organization's Climate Change and Asset Management capabilities?

Welcome to the most comprehensive climate change adaptation and municipal asset management conference ever hosted in Canada!

The conference will provide tools for municipalities to integrate their climate change adaptation and infrastructure asset management planning. Featuring sector leaders and experts, the conference will galvanize conversations around how this integration can make municipal service delivery more sustainable and resilient.

Municipalities are at the forefront of climate change adaptation. As stewards of approximately two-thirds of government-owned infrastructure across Canada, municipalities are on the frontlines of adapting their infrastructure to cope with changing climate conditions. It is an exciting opportunity and a daunting challenge.

Climate change introduces new stresses on assets, decreases their lifespans, amplifies often unquantified risks, and makes it more difficult to deliver expected levels of service. With proper planning, information, and support, these risks can be met head-on within organizations in a coordinated, collaborative way.

Our view is that rather than attempting to do more with less, municipalities have an opportunity to do things differently – and achieve better results – by integrating their approach to climate impacts with their asset management processes.

Conference Structure

The Climate Change and Asset Management conference features actionable presentations and workshops by leading practitioners as well as case studies and panel discussions from Ontario and other jurisdictions.

The conference will take place virtually in three parts:

- I. **Frameworks & Climate Risks:** February 22-23, 2021
- II. **Planning & Financial Considerations:** March 22-23, 2021
- III. **Policy, Research, & Collaboration:** April 26-27, 2021

Audience & Outcomes

The target audience for this conference is municipal staff working in finance, corporate services, public works, corporate asset management, planning, engineering and infrastructure services.

Part I (Frameworks & Climate Risks) provides a framework and related tools to integrate climate change planning and asset management; case studies from three municipalities; guidance on linking risk and vulnerability assessments to asset management; and hands-on workshops on using climate information for decision-making and valuing natural assets. This directly contributes to advancement on the Data & Information; Planning & Decision-Making; and Contribution to Asset Management Practice competency areas from the Federation of Canadian Municipalities' (FCM) Asset Management Readiness Scale.

Part II (Planning & Financial Considerations) considers financial, planning, and other risks associated with climate change and asset management planning. Sessions will help decision-makers who need to understand or communicate impacts associated with lifecycle costing; insurance and financial risks; and developments in climate and financial reporting. Several municipalities will share their journeys and lessons learned. This contributes to advancement broadly on the People & Leadership; Policy & Governance; and Planning & Decision-Making competency areas from FCM's Asset Management Readiness Scale.

Part III (Policy, Research, & Collaboration) contextualizes the integration of climate change and asset management planning against a broader context of strengthening social resilience. It presents actionable academic research on issues such as supporting residents in reducing flood risks, which could help lower costs and other risks for municipalities. It also discusses the Financial Accountability Office of Ontario's major initiative to quantify the cost of climate adaptation on municipalities and the Province. These sessions will appeal to decision-makers focused more on strategic implications of integrating climate change and asset management. They contribute directly to the Policy & Governance and People & Leadership competency areas of FCM's Asset Management Readiness Scale.

Registration

Register at: <https://events.eventzilla.net/e/amontario-climate-change--asset-management-virtual-conference-2138784831>

Full conference (6 half-days): \$195 + HST/fees *or*

Part I (Frameworks & Climate Risks): February 22-23: \$75 + HST/fees

Part II (Frameworks & Climate Risks): March 22-23: \$75 + HST/fees

Part III (Frameworks & Climate Risks): April 26-27: \$75 + HST/fees

Attendees will have access to all materials and web recordings for their registered sessions.

AMONTario Climate Change & Asset Management Conference
Part I: Frameworks & Climate Risk
Feb. 22-23, 2021

Monday, February 22, 2021

Time	Frameworks for Integrating Climate Change & Asset Management	Speaker
9 a.m. - 9:30 a.m.	Opening Keynote	Patricia Fuller Canadian Ambassador for Climate Change <i>invited</i>
9:30 a.m. - 10 a.m.	Resetting Infrastructure Asset Management	Sherena Hussain Academic Director, Sustainable Infrastructure Fellowship Program York University
10 a.m. - 10:30 a.m.	Tool: Applying FCM's Guide for Integrating Climate Change and Asset Management	Dustin Carey Capacity Officer, Municipal Climate Innovation Program, Federation of Canadian Municipalities
10:30 a.m. - 10:45 a.m.	<i>Break or Networking</i>	
10:45 a.m. - 11:15 a.m.	Case study: Climate Change Impacts on Levels of Service - Lessons Learned at the Town of Halton Hills	Dharmen Dhaliyah Senior Manager of Climate Change & Asset Management, Town of Halton Hills & Christine Smith Asset Management Analyst, Town of Halton Hills
11:15 a.m. - 12:15 p.m.	Workshop: Understanding Climate Science and Using Climate Data for Prioritized Decision-Making	Elaine Barrow Sr. Climate Advisor, Canadian Centre for Climate Services, Environment & Climate Change Canada & Jeremy Fyke Coordinator, Environment & Climate Change Canada

AMONTario Climate Change & Asset Management Conference
Part I: Frameworks & Climate Risk
Feb. 22-23, 2021

Tuesday, February 23, 2021

Time	Climate Risks	Speaker
9 a.m. - 9:30 a.m.	Resilient Infrastructure – The Path Ahead	Chad Nelson Principal Advisor, Green Infrastructure, Infrastructure Canada
9:30 a.m. - 10 a.m.	Linking Vulnerability and Risk Assessments and Asset Management	Al Douglas President, Climate Risk Institute
10 a.m. - 10:30 a.m.	Integrating Climate Change Considerations into Asset Management Practices Using UKCIP's Adaptation Wizard	Peter Walton Knowledge Exchange Research Fellow UK Climate Impacts Programme (UKCIP) & Erin Orr Research & Policy Analyst, PSD & Brian Black Director of Public Works Township of St. Clair
10:30 a.m. - 10:45 a.m.	<i>Break or Networking</i>	
10:45 a.m. - 11:15 a.m.	Climate Change Adaptation & Asset Management: Perspectives from a Registered Professional Planner	Christine Callihoo Sr. Community Climate Resilience/Adaptation Planner Adjunct Professor, School of Resource and Environmental Management, Simon Fraser University
11:15 a.m. - 12:15 p.m.	Workshop: Best Practices in Green Infrastructure Asset Management	Michelle Sawka Senior Research Scientist, Ecosystem and Climate Science, Toronto Region and Conservation Authority (member of Green Infrastructure Ontario Coalition)

**AMONTario Climate Change & Asset Management Conference
Part II: Planning & Financial Considerations
March 22-23, 2021**

Monday, March 22, 2021

Time	<i>Risk Management Dimensions & Opportunities</i>	<i>Speaker</i>
9 a.m. - 9:30 a.m.	Transformation of Climate-Related Insurance Risks on the Public Sector	Arthur Lofsky Director, Gov. Relations & Climate Adaptation Lead, Insurance Bureau of Canada & Craig Stewart Vice-President, Federal Affairs Insurance Bureau of Canada
9:30 a.m. – 10:00 a.m.	Legal Risks & Liabilities for Municipalities Related to Climate Change	Elisabeth DeMarco Partner, DeMarco Allen LLP
10:00 a.m. – 10:30 a.m.	What Municipalities Can Do to Support Home Flood Protection	Blair Feltmate, Head, Intact Centre for Climate Adaptation, University of Waterloo
10:30 a.m. - 10:45 a.m.	<i>Break or Networking</i>	
10:45 a.m. – 11:15 a.m.	Energy Conservation & Asset Management: A Sustainability Perspective	Graham Seaman Director of Sustainability & Asset Management, City of Markham
11:15 a.m. – 12:15 p.m.	Workshop: Credit Valley Conservation Authority's Risk & Return-on-Investment Climate Tool	Christine Zimmer Chief, Special Watershed Projects Division, Credit Valley Conservation & Town of Caledon tbc

**AMONTario Climate Change & Asset Management Conference
Part II: Planning & Financial Considerations
March 22-23, 2021**

Tuesday, March 23, 2021

Time	Other Planning & Financial Considerations	Speaker
9 a.m. - 9:30 a.m.	Incorporating Climate Change Impacts into Lifecycle Costing	Sam Sidawi Director of Enterprise Asset Management, Region of Peel & Christine Tu Director, Office of Climate Change & Energy Management, Region of Peel
9:30 a.m. – 10 a.m.	Integrating Climate Resilience into Existing Business Processes	Alice Dixon Energy Specialist, Infrastructure Ontario
10 a.m. – 10:30 a.m.	Case Study: Challenges & Lessons in Integrating Climate Change and Asset Management Planning at Thunder Bay	Kayla Dixon Director, Engineering & Operations City of Thunder Bay <i>invited</i>
10:30 a.m. - 10:45 a.m.	<i>Break</i>	
10:45 a.m. – 11:15 a.m.	Climate-Related Financial Disclosures: Implications for Municipalities	Sandra Califaretti Director, Accounting Services City of Toronto
11:15 a.m. – 12:15 p.m.	Workshop: Asset Vulnerability and Climate Risk Tool [linked to Task Force on Climate Disclosure-related reporting]	Jameson Morrell Director of Sustainability Intelligence, Jacobs & Craig Clifton Resilience and Climate Change Technical Leader, Jacobs

**AMONTario Climate Change & Asset Management Conference
Part III: Policy, Research, & Collaboration
April 26-27, 2021**

Monday, April 26, 2021

Time		Speaker
9 a.m. - 9:30 a.m.	Ontario Provincial Update on Climate Adaptation Initiatives	Heather Pearson Director, Climate Adaptation & Resilience Ministry of the Environment, Conservation and Parks <i>invited</i>
9:30 a.m. – 10 a.m.	Updates to Canada's Core Public Infrastructure Survey	Lee-Anne Greenberg Head, Core Public Infrastructure Survey Statistics Canada <i>invited</i>
10 a.m. – 10:30 a.m.	Financial Accountability Office (FAO) Research Collaboration on Costing Climate Adaptation Impacts for Provincial Assets	Edward Crummey Principal, Financial Accountability Office of Ontario <i>invited</i>
10:30 a.m. - 10:45 a.m.	<i>Break</i>	
10:45 a.m. – 11:15 a.m.	Research Study: tbc	Paul Kovacs Executive Director, Institute for Catastrophic Loss Prevention, Western University <i>invited</i>
11:15 a.m. – 12:15 p.m.	Case study: Addressing Climate Impacts on Water & Wastewater Systems – Collaborative Project Involving Five Municipalities	Terry Martins Asset Management, Partner, GM BluePlan Engineering + Municipal partners

**AMONTario Climate Change & Asset Management Conference
Part III: Policy, Research, & Collaboration
April 26-27, 2021**

Tuesday, April 27, 2021

Time		Speaker
9 a.m. – 10 a.m.	Panel: Social Resilience Through Climate Informed Asset Management	<p>Sarah Burch Associate Professor and Canada Research Chair, University of Waterloo <i>Confirmed</i></p> <p>Mary Rowe President, Canadian Urban Institute <i>Invited</i></p> <p>Robert Bellizzi Director, Operations Indigenous Services Canada <i>Invited</i></p>
10 a.m. – 10:30 a.m.	Community Resilience Indicators	<p>Ewa Jackson Managing Director ICLEI Canada</p>
10:30 a.m. - 10:45 a.m.	<i>Break</i>	
10:45 a.m. – 11:30 a.m.	Case Study: Natural Assets Collaborative – Grindstone Creek Initiative	<p>Michelle Molnar Technical Director Municipal Natural Assets Initiative (MNAI) & David Suzuki Foundation <i>invited</i></p>
11:30 a.m. – Noon	Closing Keynote	<p>Carole Saab CEO Federation of Canadian Municipalities <i>invited</i></p>

For any questions, please contact: info@amontario.ca