



LIVABLE CITIES FORUM | 2012

Creating Adaptive and Resilient Communities | Hamilton

PRELIMINARY PROGRAM



Hamilton Convention Center
Hamilton, Ontario
November 29-30, 2012

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ABOUT THE FORUM

Climate change is one of the most important social, environmental, and economic issues facing the world today. Despite growing efforts to mitigate, some impacts are inevitable and will be felt by communities across the country. In light of this reality, local governments in Canada are faced with the unique and pressing challenges of adapting to a changing climate and to protecting the people, property, and resources within their communities. As the level of government closest to residents, municipalities also play a crucial role in educating the community and building support for local action.



ICLEI and the City of Hamilton have joined forces to bring you the **Livable Cities Forum** on **November 29 – 30, 2012** on the theme of Creating Adaptive and Resilient Communities. The event will provide a forum for municipal practitioners and elected officials to discuss the importance of urban climate change adaptation and will provide a platform to explore adaptation and its vital role at the local level. Panel discussions, plenaries, and interactive workshops will highlight the ways that adaptation can be mainstreamed into everyday practices and policies, the innovative action being taken by Canadian municipalities, and the benefits and opportunities that come from community engagement and partnerships. We look forward to seeing you in Hamilton for this exciting and timely event!

VENUE

The Forum will take place at the Hamilton Convention Center on November 29-30, 2012. The Convention Centre is centrally located in Hamilton's business district downtown. It is less than a 10 minute drive from the QEW and 403 highways, and less than a 10 minute walk from the Hamilton GO Station, whose intercity bus and train transit connects the Greater Toronto Area from Niagara to Oshawa. The Convention Centre is also connected to the Sheraton Hamilton Hotel and Jackson Square Mall at the second level by a convenient pedestrian walkway.

For more details on the venue, please visit www.hecfi.ca

WEDNESDAY NOVEMBER 28, 2012

Livable Cities Reception 6:30 – 8:30pm



Join us at the Livable Cities Reception and get a feel for the local climate movement! The Reception will be held at the Hamilton Convention Center and will serve as an opportunity for delegates to network with fellow attendees as well as signatories of the Hamilton Climate Change Action Charter. Charter signatories will be showcasing their organizations' climate change work and will be available for discussion throughout the evening.

To learn more about the Charter, visit <http://www.climatechangehamilton.ca/>

Hors d'oeuvres will be served and a variety of beverages (alcoholic and non-alcoholic) will be available for purchase.

THURSDAY NOVEMBER 29, 2012

Opening Plenary 8:30 – 10:30am

The Livable City: Setting the Focus

Welcoming remarks from the host and organizer and an inspirational keynote about how the City of Chicago has worked with anthropologists, ecologists, and diverse community stakeholders to implement the Chicago region's climate action plans and develop the [Chicago Community Climate Action Toolkit](#), comprising 60+ multimedia tools that any community can use and adapt to their community cultures.

Keynote Speakers:

Mayor Bob Bratina, City of Hamilton

Megan Meaney, Director, ICLEI Canada

Dr. Jennifer Hirsch, Community Development and Sustainability Specialist, Chicago, IL

Parallel Sessions 10:30 am – 12:30pm

A1 - Engaging Community Stakeholders in Local Adaptation Planning

In order for municipalities to become truly resilient and adaptive to climate change impacts, community stakeholders, including residents, businesses, and non-governmental organizations must be on board. This session will showcase several ways that diverse groups of stakeholders have been brought together to advance the municipal adaptation planning processes and improve the overall resilience of cities and communities. A variety of experiences and approaches to community engagement will be presented and will be followed by a discussion of both opportunities and constraints to multi-stakeholder approaches to adaptation and resilience planning and practice.

Moderator: TBD

Speakers:

Stewart Chisholm, Program Director, Evergreen CityWorks
Michael Baldwin, Manager, Corporate Affairs and Government Relations, City of Fredericton
Sonya Meek, Manager, Watershed Planning, Toronto and Region Conservation Authority
Justyna Braithwaite, SNAP Project Coordinator, Toronto and Region Conservation Authority
Dave MacLeod, Senior Environmental Specialist, Toronto Environment Office
Sandi Stride, President and CEO, Sustainable Hamilton
Susan Hall, Vice President, LURA Consulting

A2 - Adapting the Built Environment

Local governments are heavily invested in the built environment. It has taken hundreds of years and billions of dollars to build our communities to their present state, and climate change threatens the very core of our strong Canadian foundation. This session will look at how built infrastructure assets and critical infrastructure, such as the electrical grid, are being affected by climate change, what is being done to prepare and adapt to the impacts, and what has yet to be done. Experts from a variety of fields such as roads, water systems, buildings, and electricity systems will provide their professional opinions, demonstrating innovative best practices and commenting on the lessons learned along the way.

Moderator: TBD

Speakers:

Joyce McLean, Director Strategic Issues, Office of the President, Toronto Hydro
David Lapp, Manager, Professional Practice, Engineers Canada
Sean Capstick, Principal, Golder and Associates
Nahed Ghbn, Sr. Project Manager, Watershed Management, Public Works, City of Hamilton

A3 - Adaptation Planning Tools and Frameworks

With more communities looking to take action on climate change, new tools and frameworks are emerging to help them prepare for what lies ahead. What kind of support is offered to municipalities as they prepare for a changing climate? Which organizations are offering it? How do municipalities get involved? What are the benefits? This session aims to answer these questions and more, as speakers from both national and municipal organizations present different tools and frameworks that are available to Canadian communities to help them plan for the impacts of climate change. Attendees will also have the opportunity to participate in a workshop-style activity that will give them a taste of what it is like to employ ICLEI Canada's Adaptation Planning Framework.

Moderator: TBD

Speakers:

Holly Vaughan, Project Assistant, ICLEI Canada

Gregory Richardson, Policy Analyst, Climate Change and Health Office, Health Canada

Hazel Breton, Manager Water Resources Engineering, Hamilton Conservation Authority

A4 – Making the Municipal Business Case

Introduction to Business 101 teaches us of the importance of building a strong rationale or argument for action before initiating a project or a task. Business cases can range from the comprehensive and highly structured to the informal and brief, but they all help to build the case and address concerns before moving forward. This session will focus on making the business case for municipal climate change adaptation. A variety of experts, researchers, and practitioners will demonstrate their business case development activities and will help participants conceptualize their own, presenting on the economic costs of climate change, how to frame adaptation, leverage co-benefits, insurance considerations, legal liability and integrating adaptation into business cycles.

Moderator: Brian Montgomery, Air & Climate Change Coordinator, City of Hamilton

Speakers:

Sarah Clayton, Senior Economist, Regional Municipality of Durham

Travis J. Allan, Partner, J.D., Zizzo Allan LLP

Afternoon Plenary 1:30 – 2:45pm

Bridging Science and Communication

Climate change is a complex issue that requires a certain understanding of scientific models and forecasts. While climate science can be a powerful communication tool, it can also be confusing and often misinterpreted, particularly for those without a hard science background. Specialists will help us better understand climate science, what it means, and how it can be used most effectively in both casual and formal communications.

Parallel Sessions 3:00 – 5:00pm

B1 - Transforming Traditions: Adapting Cultural and Social Practices in the Face of Climate Change

Social and cultural practices in Canada are facing new challenges as the climate continues to change. Weather-dependant businesses - such as wine making, apple growers, maple syrup production, and outdoor tourism - and recreational activities and events are having to find new ways to adapt. This session will explore the effects of climate change on culture, recreation, tourism, and Canadian industry and will look at how communities, businesses, and individuals are adapting their cultural, business, and social behaviours in the face of a changing climate.

Moderator: Velma Grover, Chair, Green Venture

Speakers:

Chris Hamilton, Community Outreach Coordinator, Hamilton Conversation Authority

Kerrie Pickering, Project Manager, Cool Climate Oenology and Viticulture Institute, Brock University

Lindsay Ayers, Manager, Environment and Planning Services, Blue Mountains Resort

Brian Gilroy, Chair, Ontario Apple Growers (TBC)

Shannon Gordon, Sustainability Planner, Whistler Centre for Sustainability (TBC)

B2 - Finding Common Ground: Bridging Divides Across Professions and Jurisdictions

Climate change is impacting all aspects of municipal operations and civic life. Urban resiliency and adaptation to climate change requires cross-jurisdictional and cross-professional action in order to be most effective. This session will explore ways in which sometimes-diverse and disparate practitioners work with others outside of their immediate departments, municipalities, or professions to collaborate on, plan, or implement climate change adaptation measures. Experiences from a variety of fields will be

presented, which will be followed by a panel discussion on the importance of bridging the jurisdictional or professional divides by collaborating and working together on climate change.

Moderator: *TBD*

Speakers:

George McKibbin, Environmental Planners, McKibbin Wakefield Inc. and Member of Canadian Institute of Planners Healthy Communities Subcommittee

Dr. Kevin Hanna, Associate Professor, Department of Geography and Environmental Studies, Wilfred Laurier University

Sarah Webb, Climate Action Program Manager, Capital Regional District, BC

Pam Kertland, Manager, Adaptation Tools Programming, Climate Change Impacts and Adaptation Division, Natural Resources Canada

B3 - Connecting Science and Technology to Municipal Policy

Scientific and technological advancements are key drivers of policy innovation at the local level. In the context of climate change, we rely on science and technology to better understand and plan for the impacts of climate change and to provide us with the tools to communicate this understanding to audiences of all shapes and sizes. This session will explore some of the ways in which local governments are connecting scientific understanding and technological innovation to municipal policy in order to create more resilient and livable cities.

Moderator: *TBD*

Speakers:

Steve Young, Climate Action Analyst, City of Victoria

Angela Danyluk, Senior Environmental Officer, Municipal Corporation of Delta

Geoff Hall, Queens University and Kingston Public Health

Caroline Larrivee, Program Coordinator, Ouranos

Chris Moore, Chief Information Officer, City of Edmonton

B4 - Local Study Tour: Interactive Case Study

This interactive case study is a hands-on way to learn about the action being taken by the City of Hamilton to mitigate and adapt to climate change. The tour will bring delegates to the Red Hill Expressway to discuss the re-naturalization of the area, the Storm Water Treatment Plant for a short tour, and the Windermere Basin wetland rehabilitation project to see first-hand the great ways in which Hamilton is working to create an adaptive and resilient community.

Guide: Julia Davis, Group Sales Servicing Coordinator, Tourism Hamilton

Delegates' Dinner Hosted by Mayor Bratina
6:30 – 9:30pm

FRIDAY NOVEMBER 30, 2012

Opening Plenary 8:30 – 10:00am

Insights from the Insurance and Legal Industries

The insurance and legal industries have long been leaders in understanding the impacts of climate change. Extreme weather events like hail storms, floods and wildfires can cause significant property damage, injuries and even death. Disaster prevention knowledge and insights into legal ramifications will help municipal decision makers maintain and enhance the resiliency of their communities.

Keynote Speakers:

Paul Kovacs, Executive Director, Institute for Catastrophic Loss Reduction

Don Forgeron, President and CEO, Insurance Bureau of Canada

Parallel Sessions 10:30 am – 12:30pm

C1 - Adaptation in Small Communities and Rural Areas

While adaptation in large cities often gets the most press and attention, the impacts of climate change are being felt in smaller communities and rural areas just as acutely. In addition to the impacts that affect all communities – extreme heat, more frequent and intense storms, and warmer winters – rural areas and smaller communities often also face unique challenges as climate change affects agricultural yields, local forestry industries, and outdoor recreation and tourism. In light of this, many of these communities have begun taking important actions to adapt to the impacts of climate change. Indeed, smaller and rural communities have some key advantages, including the ability to make decisions and implement adaptation actions more quickly than their larger counterparts. This session will explore the ways in which climate change is impacting small Canadian communities and rural regions and will

showcase some of the innovative projects being undertaken to ensure the viability and livability of these communities across the country.

Moderator: Susanna Reid, Planner, Huron County

Speakers:

Robert McLeman, Associate Professor, Department of Geography, Wilfred Laurier University
Brian Gilvesy, ALUS Chair, Norfolk ALUS Pilot Project and Proprietor, Y U Ranch
Alec Scott, Water and Planning Manager, Ausable Bayfield Conservation Authority

C2 - Finding the Nexus: Resilience and Biodiversity

This session will examine the interaction of these global issues - resilience building and biodiversity management - and how local communities are meeting the challenge of bridging the two conservation practices. The panel of speakers will provide presentations on how their organizations are "finding the nexus" through ecosystems management, research and education, local strategies and policies, and community partnerships. What we hope to achieve is a session that discusses current best practices, potential synergies, and ways to overcome challenges and uncertainties of climate change.

Moderator: Nicole Marzok, Project Coordinator, ICLEI Canada

Speakers:

Meaghan Eastwood, Terrestrial Ecologist, Research and Development Section, Ecology Division, Toronto and Region Conservation Authority
Stephen Monet, Manager Environmental Planning Initiatives, City of Greater Sudbury
Kim Gavine, Executive Director, Oak Ridges Moraine Foundation
Joshua Wise, Greenway Program Coordinator, Ontario Nature

C3 - Having the Climate Conversation

Communication is an integral part of any climate change strategy. Effective communication enables local governments to engage community stakeholders, build partnerships, solicit support, educate and raise awareness, motivate action, and inspire behavioural changes throughout the community. This session will explore some of the communication tools and strategies that can be used to assist local governments with the imperative task of communicating an understanding of climate change.

Moderator: TBD

Speakers:

Nick Weigeldt, Project Assistant, ICLEI Canada

Stephen Sheppard, Director, Collaborative for Advanced Landscape Planning, University of British Columbia

Jennifer Good, Associate Professor, Faculty of Social Sciences, Brock University

David Dilks, President, LURA Consulting

Peter MacLeod, Principal, MASS LBP

C4 - State of Adaptation in Canada: Learning From Your Neighbours

Climate change impacts on vulnerable infrastructure and social and natural systems can be significant, whether from sea level rise, increasing temperatures, more frequent extreme weather events, or any number of other climatic changes. Fortunately, many municipalities have recognized the need to act on these vulnerabilities and adapt infrastructure, planning processes, programs, and services. This session will explore notable adaptation initiatives that are being implemented in Canadian communities and will provide an overview of ICLEI Canada's 2012 Adaptation Measures Report. A workshop-style portion of the session will help participants identify adaptation measures in their communities that may not be labeled as such and learn how various measures are being implemented by their peers.

Moderator: Heather Donison, Senior Project Manager, City of Hamilton

Speakers:

Holly Vaughan, Project Assistant, ICLEI Canada

Wayne Galliher, Water Conservation Project Manager, City of Guelph

10:30 am – 12:30pm (for elected officials only)

Elected Officials Connect

Part 1 - Dispatches from City Hall

Many of the most severe and costly impacts of climate change can be associated with increases in the frequency and magnitude of extreme events, such as flooding, ice and wind storms, heat waves, and droughts. Elected officials from Canadian communities touched by extreme weather events will share their front line experiences of how they dealt with the aftermath, rallied their communities and thrived through the experience. Presentations will be followed by a facilitated discussion.

Moderators:

Megan Meaney, Director, ICLEI Canada
Charley Beresford, Executive Director, Columbia Institute

Speakers:

Mayor Delbert Shewfelt, Goderich, Ontario
Councillor Rebecca Johnson, Thunder Bay, Ontario
Councillor Terry Whitehead, Hamilton, Ontario

Parallel Sessions 3:00 – 5:00 pm

D1 - Health and Adaptation

This session will explore how climate change is impacting the health of our communities and will look at what organizations and institutions are doing to adapt to these new realities. Speakers from various health organizations and municipal public health offices will present on what can and is being done to address health risks and vulnerabilities linked to climate change. Presentations will touch on the effects of extreme heat on local populations, as well as the health implications of invasive species and vector-borne diseases exacerbated by climate change. Presenters will then participate in a moderated panel discussion.

Moderator: George McKibbin, Environmental Planner, McKibbin Wakefield Inc, and Member of Canadian Institute of Planners Healthy Communities Subcommittee

Speakers:

Jay Storfer, Policy Analyst, Climate Change and Health Office, Health Canada
Averil Parent, Environment and Sustainability Coordinator, City of Windsor
Safoura Moazami, Health Promotion Consultant, Toronto Public Health
Diana Hamilton, Senior Architect, Delcan

D2 - Finding the Nexus: Integrating Action on Climate Change Adaptation and Mitigation

For nearly two decades, the Partners for Climate Protection (PCP) has been supporting local governments in their efforts to curb greenhouse gas (GHG) emissions and mitigate global climate change. Dozens of Canadian municipalities have adopted the program's milestone framework and are now actively measuring, monitoring and reducing GHG emissions generated within their communities. With mitigation plans and policies firmly in place, many are now asking: what's next? This session will explore opportunities for climate action beyond the PCP milestone framework, focusing on climate change response strategies that integrate both adaptation and mitigation initiatives.

Speakers:

Jonathan Connor, Project Coordinator, ICLEI Canada
Devin Causley, Manager, Climate Change Programs, Federation of Canadian Municipalities
Municipal Representative (TBC)

D3 – Planning for Resilient Communities

Planning for resiliency in light of the changes wrought by an uncertain climate requires considerable foresight and an attention to the interconnectedness of the environment, built form, and the health of human populations. Creating resilient communities in the face of a changing climate is a challenge that communities across the country are grappling with in many different ways. This session will examine some of the ways in which Canadian municipalities are thinking ahead and planning for resilient and healthy communities.

Moderator: TBD

Speakers:

Michael Sullivan, Chair, Climate Change Sub-Committee Canadian Institute of Planners, and Project Manager/Associate, Planning & Environmental Design, MMM Group Limited
Eleanor McAteer, Project Director, Mayor's Tower Renewal, City of Toronto
Stev Andis and Barb Hodgins, Senior Planners, Town of Ajax
Tamsin Mills, Climate Change Adaptation Planner, City of Vancouver

D4 – Where do we go from here? Open Space Discussion

Have your say! The agenda for this session is created by the attendees: participants will have the opportunity to break out into small groups to talk about various topics of interest, moving around the room as they please. This session gives *Forum* participants the chance to continue discussions from sessions they attended over the two-day event, hear from delegates who participated in other sessions, and have conversations pertaining to issues they are passionate about, relating them to the creation of adaptive and resilient communities. The interactive nature of the session promises a unique experience of knowledge exchange and engagement.

Moderator: Holly Vaughan, Project Assistant, ICLEI Canada

3:00 pm – 5:00pm (for elected official only)

Elected Officials Connect

Part 2 - Stories of Preparedness & Prevention

Elected officials from communities that have been preparing for climate change share how they have incorporated risk preparation into their mainstream planning efforts. The lessons they have learned along the way will be discussed as a group.

Moderators:

Megan Meaney, Director, ICLEI Canada
Charley Beresford, Executive Director, Columbia Institute

Speakers:

Mayor Steve Parish, Ajax, Ontario
Mayor Lois Jackson, Delta, British Columbia (TBC)

Closing Plenary 3:45 – 5:00pm

The Opportunity of Adversity

Climate change may bring adversity but it also brings opportunity - opportunities to make our cities more resilient, more prepared and more competitive in an urbanizing world. Panelists will show how cities can strengthen local business, culture, tourism and continue to thrive in the face of climate change.



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