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A Message from The Co-operators

As a co-operative insurance and financial services company, The Co-operators is continually seeking new and innovative ways to address the unmet needs of Canadians and their communities. We have a vision to be a catalyst for a sustainable society. It is this vision that drives us to seek better ways to mitigate the risks posed by climate change and extreme weather events, such as the wild fires and floods that have affected Canadians across the country in recent years.

Flooding is now the leading cause of loss affecting Canadian homeowners. We have been working diligently for Canadians on the issue of flood resiliency for a number of years and were the first Canadian insurer to bring comprehensive homeowner flood insurance to market in May 2015. Together with Farm Mutual Reinsurance Plan, we also lead the creation of the Partners for Action (P4A) Network at the University of Waterloo. This applied research network advances flood resiliency in the face of changing climate through collaboration with businesses, governments and non-governmental organizations.

Co-operative organizations pride themselves on being builders of sustainability and resilience. As such, we are delighted to sponsor the 2016 Livable Cities Forum to help empower Canadians and municipalities across Canada to build more resilient communities. We are eager to gain new ideas and discuss solutions to the economic, social and environmental impacts of climate change on our communities.

The Co-operators Group Limited is a Canadian-owned co-operative with more than $44 billion in assets under administration. Through our group of companies we offers home, auto, life, group, travel, commercial and farm insurance, as well as investment products. The Co-operators is recognized for its community involvement and commitment to sustainability. The Co-operators is listed among the 50 Best Employers in Canada by Aon Hewitt and Corporate Knights’ Best 50 Corporate Citizens in Canada.
A Message from IDRC

Part of Canada’s foreign affairs and development efforts, the International Development Research Centre (IDRC) invests in knowledge, innovation, and solutions to improve lives and livelihoods in the developing world. Bringing together the right partners around opportunities for impact, IDRC builds leaders for today and tomorrow and helps drive large-scale positive change.

To this end, IDRC supports innovative research on scalable solutions to help people, communities, and economies become more resilient in small and medium-sized cities.

On September 13, 2016, IDRC, in partnership with ICLEI - Local Governments for Sustainability (ICLEI Canada), is hosting a workshop at the Livable Cities Forum.

This event will be an opportunity to connect with a vibrant global community of practitioners and researchers. At the workshop, IDRC-funded researchers and stakeholders—representing research institutions in Canada and the Global South—will share their experiences. Later on, participants will join in a moderated discussion, exploring strategies to leverage these experiences of urban and rural climate change adaptation and seeking ways to build and enhance collaborative research relationships between Canadian and Southern institutions.

The Centre was pioneering in its early support of research into climate change adaptation for developing countries, and remains a key funder. Since 2006 – the year in which the term “adaptation” first appeared on the COP agenda – IDRC has managed investments of over CAD$190 million, covering a range of programming in this area. Over the past decade, IDRC has supported the work of over 1000 researchers in 70 developing countries across Africa, Asia, Latin America and the Caribbean, strengthening research capacity at more than 165 institutions worldwide.

“IDRC is committed to working with our strong network of experts to address the very real need cities in developing regions have for strong evidence to inform decision-making — decision-making with consequences for millions of urban dwellers,” says President Jean Lebel.
Thank you to our Sponsors and Friends

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About the Partners

ICLEI Canada, Halifax Regional Municipality, and Partners for Action are proudly working together to bring you the 2016 Livable Cities Forum.

ICLEI - Local Governments for Sustainability

ICLEI is a champion of local governments. We are an international association of local governments that have made a commitment to sustainable development. We promote participatory, long-term strategic planning processes to support local-level sustainability, and have been working with communities on sustainability issues since 1990.

ICLEI Canada understands the unique needs of communities preparing for climate change and has significant expertise in helping them achieve their adaptation and preparedness goals. Our staff have been working with municipalities, community members, experts, and local practitioners to deliver engaging meetings, workshops, and conferences for over 20 years. We help communities, local practitioners, and scientific experts communicate with one another, understand each other’s needs, and advance their field of study to each party’s mutual benefit.

Halifax Regional Municipality

The Halifax Regional Municipality is the government for the largest municipality in Atlantic Canada, delivering programs and services to more than 414,398 residents across 200 communities and neighbourhoods. Halifax boasts the friendliness of a small town with the amenities, culture and opportunities of a modern urban centre. As home to some of the brightest minds and best educational institutions in the world, Halifax is forward thinking, resilient and resourceful, with a reputation as an energetic, caring community that embraces creativity and innovation.

The ocean and coastline of Halifax are a source of pride that shapes the identity of our city and our residents. A recent Geological Survey of Canada study states that the Atlantic Region has the greatest length of sensitive coast in Canada. As an organization we recognize the ecological, cultural, and economic impact of rising sea levels and coastal erosion on our communities and have invested time and resources to further study and mitigate these issues.

Partners for Action

Partners for Action (P4A) is a national applied research network advancing flood resiliency in Canada in the face of a changing climate and extreme weather. Our mandate is to understand and inform Canadians on flood risk, ways to reduce that risk, and opportunities to share and transfer any risk that may remain. We are rooted in a collaborative approach that brings together a diverse set of stakeholders to create and share knowledge, address information needs, and drive action. P4A is based out of the Faculty of Environment, University of Waterloo, with founding support provided by The Co-operators Group Ltd. and Farm Mutual Reinsurance Plan.
Keynote Speakers

Jean Andrey has been with the Faculty of Environment since 1989. She was appointed Dean in 2015, having previously served as Interim Dean, Associate Dean [Graduate Studies], and Associate Chair [Graduate Studies] for the Department of Geography and Environmental Management. Dr. Andrey’s research focuses on safe and sustainable transportation systems. She has published nearly 100 articles, book chapters, conference proceedings and technical reports. She has won the Distinguished Teacher Award and the Award of Excellence in Graduate Supervision at the University of Waterloo. Dr. Andrey is Past-President of the Canadian Association of Geographers and a Fellow of the Royal Canadian Geographical Society. Dr. Andrey is Past-President of the Canadian Association of Geographers and a Fellow of the Royal Canadian Geographical Society.

Dean, Faculty of Environment, University of Waterloo

Bob Bjerke is the Chief Planner and Director of Planning and Development for Halifax Regional Municipality. In the two years Bob has held this role he has made, and continues to make significant changes through a successful department renewal process. With over 15 years’ experience in municipal leadership and professional planning positions, he has worked in the private sector, Federal and now municipal government. Bob holds a Masters Degree in Planning from York University and MA in Political Studies from the University of Saskatchewan. He has lived and worked across Canada, in Regina as the Director of Planning, and as Director of Housing for the City of Edmonton until his move to Nova Scotia. Bob has served on the CIP National Council, the Canadian Housing and Renewal Association Board and is a past President of the Saskatchewan Professional Planners.

Chief Planner, Halifax Regional Municipality

Andy Fillmore has been an urban planner and community builder in the private, public, and academic sectors for twenty years. As Halifax’s first Manager of Urban Design, Andy’s career has included initiatives like the new Halifax Central Library and “HRM by Design,” the downtown Halifax plan. His leadership on HRM by Design, in particular, has seen development activity in downtown Halifax increase by over forty times. Andy also served as Director and Associate Professor at the Dalhousie University’s School of Planning. Andy attended Acadia University and holds graduate degrees from Harvard University and Dalhousie University. On October 19th, 2015, Andy was elected Member of Parliament for Halifax. He serves as the Chair of the Standing Committee on Aboriginal Affairs and Northern Development. On May 2016, Andy introduced his first private member’s motion, M-45, which if passed would require greenhouse gas emissions analyses be undertaken for infrastructure projects seeking federal funding. The motion is scheduled for a vote in autumn 2016. Andy grew up in Halifax and lives in the city with his wife Sarah and their daughter.

Honourable Member of Parliament for Halifax, House of Commons, Ottawa

John Godfrey is Special Advisor for Climate Change to the Government of Ontario and Chair of Ontario’s (CAG) Climate Action Group. John has had an extensive and accomplished career dedicated to public service that spans over 30 years. He was first elected to the federal House of Commons as the member of parliament for Don Valley West in 1993. He was re-elected four times, holding the position until 2008. From 2003-04, Godfrey was the parliamentary secretary to the prime minister and from 2004-06, he served in cabinet as minister of state for Infrastructure and Communities. In that role, he was responsible for overseeing the distribution of $5.6 billion for strategic, municipal, rural and border infrastructure programs. Prior to being elected to Parliament, Godfrey served as vice-president of the Canadian Institute for Advanced Research. He was also editor of the Financial Post for four years and spent 14 years in academia, holding various positions at the University of Kings College, including associate professor, president and vice-chancellor. Most recently, Godfrey was the headmaster of the Toronto French School. He has a bachelor of arts (honours) in modern history and English literature from the University of Toronto, a master’s degree in modern history from Oxford University, and a Ph.D. in modern history from Oxford University.

The Honourable John Godfrey, Special Advisor for Climate Change, Ministry of the Environment and Climate Change
Keynote Speakers

Paul Kovacs is Founder and Executive Director of the Institute for Catastrophic Loss Reduction, Adjunct Research Professor at Western University, and CEO of the Property and Casualty Insurance Compensation Corporation. Since 1996 Paul has been a contributing author to the Intergovernmental Panel on Climate Change, the world’s leading forum for the study of climate issues. The Panel won the 2007 Nobel Peace Prize “for their efforts to build up and disseminate greater knowledge about man-made climate change”. He is Canada’s leading authority on insurance and climate extremes, and has been a contributing author to numerous international and Canadian reports on reducing the risk of loss from earthquakes, flood and severe wind to achieve disaster resilience. He has written more than 200 publications and articles and is a passionate champion for insurance, disaster resilience and adaptation to climate extremes. Paul chairs a number of working groups and is also a member of a number of Boards and Advisory Panels. He is a proud husband and father, with a growing collection of bow ties.

Executive Director, Institute for Catastrophic Loss Reduction

Charlotte MacAlister is a Senior Program Officer, Climate Change, for Canada’s IDRC. She has been instrumental in the development of the Centre’s rural and urban climate adaptation programming and leads work on integration of climate science into policy. Before joining IDRC Charlotte worked for the International Water Management Institute in Addis Ababa, Ethiopia. Charlotte has a BSc Environmental Studies, Manchester Metropolitan University, MSc Irrigation and PhD Hydrological Modelling, Newcastle University. She applies her background in hydrological and water resource modelling to support the integration of climate science into policy frameworks, from the local to international level.

Senior Program Officer, Climate Change, International Development Research Centre

Megan Meaney is recognized by cities across Canada as an authority on municipal sustainability. She has been with ICLEI since 1999, over which time she has held many roles in strategic energy planning, climate mitigation and adaptation, biodiversity, as well as sustainability management. As Director of ICLEI Canada, Megan oversees the governance of the non-profit organization. She holds responsibility for strategic planning, partnership development, and financial systems. Her favourite part of the job comes when she talks to ICLEI members; learning about how they are handling the day-to-day nature of the ongoing quest for sustainability in their community.

Director, ICLEI Canada

Shannon Miedema is the Energy and Environment Program Manager for the Halifax Regional Municipality. Shannon has a Bachelor of Science in Environmental Studies and Earth Systems Science from Queen’s University, a Master of Environmental Studies from Dalhousie University and a Bachelor of Journalism from the University of Kings College. After five years in environmental consulting, she joined the municipality in 2009 as an Environmental Performance Officer focused on climate change mitigation and adaptation. Shannon plans to continue using her passion, education, and experience to lead Halifax towards increased resiliency and sustainability for the betterment of our community, economy and environment.

Energy and Environment Program Manager, Halifax Regional Municipality

Shawna Peddle has 17 years of experience in the environmental field, managing environmental assessment and aboriginal and public engagement programs for infrastructure and energy projects throughout Ontario. That experience allowed her to engage with local municipal governments, aboriginal communities, and residents on a number of often contentious projects. As the Director for Partners for Action, Shawna is responsible for strategic oversight of all P4A programs (events, research, reports, etc.), fundraising, managing relationships with stakeholders, funders and research partners, and promoting the network.

Director, Partners for Action
Mike Savage was elected Mayor of Halifax Regional Municipality on October 20, 2012. Mayor Savage ran on a platform to make Halifax the most liveable, entrepreneurial and inclusive city in the country, principles that continue to shape his work at City Hall and in the community. He is an active member of the Federation of Canadian Municipalities Big City Mayors’ Caucus and a strong voice in support of local economic development, immigration, social equity, and infrastructure investment. In the fall of 2015, Mayor Savage became president of the World Energy Cities partnership, an international organization of cities with significant energy sector interests. In March 2016, he was honoured as a Modern Maker of Canada by the Canadian Institute on Governance during a ceremony recognizing the growing role of civic leaders in driving the economic prosperity for the country. Prior to his election as Mayor, Mike Savage served as Member of Parliament for Dartmouth-Cole Harbour from 2004 until 2011, during which time he played a national role as Official Opposition Critic for Human Resources, Social Development and Status of Persons with Disabilities. Mayor Savage has demonstrated community leadership in social, health and cultural organizations, as a board member for the IWK Health Centre and Neptune Theatre, as a former President of the Heart and Stroke Foundation of Nova Scotia, and through his involvement with Junior Achievement, The Red Cross, Canadian National Institute for the Blind and the United Way. Mayor Savage and his wife Darlene have two children, Emma and Conor, and continue to make their home in Dartmouth where Mayor Savage grew up and attended school before graduating from Dalhousie University.

Mayor, Halifax Regional Municipality

Barbara Turley-McIntyre started her business career as an independent insurance broker in Montreal and in 1997 joined The Co-operators Group Limited, a $4.2 billion Canadian-owned, multi-product insurance and financial services company. She managed underwriting teams in property and casualty and held responsible for community and shareholder relations. Presently, Barbara leads the enterprise-wide integration of the Sustainability Vision, Policy and Strategy with responsibility for producing the annual Integrated Report and carbon management programs. This also includes responsibility for The Co-operators community programs, including The Co-operators Foundation. Barbara has a Masters in Environment and Business from the University of Waterloo and a Chartered Insurance Professional designation. She is a Sessional Lecturer at the University of Waterloo, Faculty of the Environment. Her volunteering activities include organizations that advance sustainable development – Director with The Natural Step Canada and a Board member of the United Nations Environment Program – Finance Initiative Global Steering Committee and the Principles of Sustainable Insurance.

Vice President, Sustainability and Citizenship, The Co-operators

Gino Van Begin has served as ICLEI Regional Director for Europe since 2002 and as Deputy Secretary General since 2007. Gino has consistently and comprehensively worked over the last 12 years towards ensuring ICLEI’s quality as a responsible, professional, non for profit, local government organization in Europe and worldwide. He has been ICLEI’s Chief Negotiator on local climate actions and was instrumental in organizing various major events, such as the European Sustainable Cities and Towns Conferences which have grown to become the major sustainability rendezvous for local governments in Europe. Before joining ICLEI in 2000, Gino worked as advisor and as Team Leader at the EU-funded Environmental Centres for Administration and Technology in Kaliningrad and St. Petersburg, Russia for seven years. From 1987 to 1993, he was a legal advisor at the European Commission’s DG Environment, General Secretariat and DG External relations. He also worked at the Cabinet of the Vice-President of the Government of Flanders and Minister of Economy, Small Business and Energy. Trained as a lawyer from the University of Brussels, Gino speaks Dutch, French, English, German and Russian.

Secretary General, ICLEI Global
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<th>Time</th>
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<td>8:30 AM - 9:45 AM</td>
<td>Welcome and Opening Plenary: Working Together Towards a Vision for Resilient Communities</td>
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<td>10:15AM - 12:00 PM</td>
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<td>Climate Change in Atlantic Canada: Issues and Responses</td>
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<td>From Planning to Action: Bridging the Implementation Gap</td>
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<td>The Economics of Resilience: From Business Case to Financing</td>
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<td>Legal Liability and Regulatory Mechanisms as Catalysts for Action on Climate Change</td>
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<td>Transformational versus Incremental Adaptation: Can we Move Light-years Ahead?</td>
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<td>Harbour Suites</td>
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**6:00 PM – 9:00 PM**

**Mayor’s Dinner**
The Mayor’s Dinner is a chance for Forum delegates and invited guests to network over dinner and drinks.

*Keynote address from Mayor Mike Savage of Halifax Regional Municipality*

**Location:** Commonwealth A

*Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers*
8:30 AM – 9:45 AM

Opening Plenary: Working Together Towards a Vision for Resilient Communities

The opening plenary will focus on a vision of Canadian communities in a changing climate, with Plenary Chair Gino Van Begin guiding us through the challenges and opportunities that lie ahead. Gino, along with the other Speakers, will explore the conference themes:

- **Preparing** Canadian communities for the impacts of a changing climate
- **Responding** to extreme weather and climate change
- **Mainstreaming** action on climate change in communities
- **Measuring** progress on climate action and resilience

Opening Remarks:
Megan Meaney, Director, ICLEI Canada
Shannon Miedema, Energy and Environment Program Manager, Halifax Regional Municipality
Shawna Peddle, Director, Partners for Action

Plenary Chair:
Gino Van Begin, Secretary General, ICLEI—Local Governments for Sustainability

Plenary Speakers:
Andy Fillmore, M.P. for Halifax, House of Commons, Ottawa
Mike Savage, Mayor, Halifax Regional Municipality
Barbara Turley-McIntyre, Vice President, Sustainability and Citizenship, The Co-operators

#LCF2016

Share your Forum experience and follow us for highlights on Twitter @ICLEI_Canada

Presentations will be available online September 30th at www.livablecitiesforum.com/program
Climate Change in Atlantic Canada: Issues and Responses

Across Atlantic Canada, coastlines and coastal communities are affected by climate change, causing a tremendous impact on the economic, social, and physical landscape of the region. With several perspectives at play on how to address this, how can practitioners work in harmony to reduce risk and increase adaptive capacity at the community level?

Moderator: Adam Hayter, Energy Specialist, Halifax Regional Municipality

- Climate Change Adaptation in Nova Scotia’s Coastal Zone
  Kareina D’Souza and Mitchell Downton, Graduate Students, Dalhousie School for Resource and Environmental Studies

- Making the Case for a National Flood Strategy
  Amanda Dean, Vice President Atlantic, Insurance Bureau of Canada

- Engineering Considerations for Coastal Flood Adaptation: Recent Examples from Atlantic Canada
  Vincent Leys, Coastal Engineer, CBCL Limited Consulting

- Climate Change Adaptation Barriers in Newfoundland and Labrador
  Jonas Roberts, Climate Change Consultant, Amec Foster Wheeler

From Planning to Action: Bridging the Implementation Gap

While adaptation planning is a process that is often capable of delivering positive outcomes, it can also overestimate the ability of planning to deliver the intended outcomes of adaptation. Hear from municipal practitioners about the drivers and constraints to implementation, as well as available tools and resources that can help municipalities implement actions on the ground.

Moderator: Ian McVey, Project Manager, Ontario Climate Consortium

- Infrastructure Renewal and Climate Change Adaptation: Resiliency and the Infrastructure Gap
  Kathy Edwards, Wellfield Protection Officer & Engineering Technician, City of Fredericton

- Keep Calm, Adapt and Be Adaptable
  Trisha Henderson, Environmental Policy Coordinator, Town of Oakville

- Breaking Ground with Neighbors: Moving Beyond Demonstration Projects and Creating Rain Ready Communities
  Sharyn Inward, Director of Water Programs, Green Communities Canada

- Making Strides on Community Adaptation
  Michaël Houle, Adaptation and Resilience Project Coordinator, ICLEI Canada

Room: Lunenburg
Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers

Room: Commonwealth B
The Economics of Resilience: From Business Case to Financing

Making the business case for adaptation is critical for local governments to gain political buy-in and stakeholder support. Yet, financing adaptation actions is often the biggest hurdle faced by municipalities. Explore the economic risks of climate change, new practical tools and mechanisms to measure the costs of adaptation options, and ways the financial sector can be engaged in the adaptation conversation.

Moderator: Ewa Jackson, Manager, ICLEI Canada

- Evaluating Risks to Coastal Infrastructure and Properties: Using Cost–Benefit Analysis to Evaluate Climate Change Adaptation Options in Atlantic Canada
  Adam Fenech, Director, Climate Lab, University of Prince Edward Island

- Economics of Resilience in Nova Scotia: Accounting for More than Just Numbers
  Will Green, Manager - Climate Change and Air Quality Unit, Province of Nova Scotia

- Study of Future Economic Impacts of Climate Change: A Municipal Perspective
  Julius Lindsay, Community Energy Specialist, City of Mississauga & Shannon Miedema, Energy and Environment Program Manager, Halifax Regional Municipality

- Paying for Urban Infrastructure Adaptation in Canada: An Analysis for Local Governments
  Edward Nichol, Senior Researcher, Adaptation to Climate Change Team

Legal Liability and Regulatory Mechanisms as Catalysts for Action on Climate Change

Municipalities have a duty to protect human health, safety, and welfare and are increasingly subject to legal liability related to climate impacts and associated damages. This panel will take an in depth look at the legal risks that municipalities are facing due to climate change and extreme weather. Learn about how legal and regulatory challenges can also serve as opportunities to move forward on adaptation and preparedness.

Moderator: Travis Allan, Partner, DeMarco Allan LLP

- Legal Drivers to Adapt: Primer on Potential Climate-related Liability for Municipalities
  Laura Zizzo, Founder and CEO, Zizzo Strategy Inc.

- Adapting Municipal Infrastructure to Climate Risks: Responsibilities and Strategies of the Engineering Profession
  David Lapp, Practice Lead, Globalization and Sustainable Development, Engineers Canada

- The Pan Canadian Framework on Clean Growth and Climate Change: A Policy Driver for Action on Adaptation and Climate Resilience
  Julie Lax, Senior Policy Analyst, Strategic Policy Branch, Environment and Climate Change Canada

Room: Harbour Suites

Presentations will be available online September 30th at www.livablecitiesforum.com/program
Innovative Practices in Paying for Stormwater Management

Municipalities are increasingly identifying new means of paying for upgrades and maintenance to ensure that when a storm hits, the stormwater system will be a help instead of a hindrance. Learn about the status of stormwater management throughout Canada and innovative ways that cities are funding stormwater management through partnerships, tools, incentives and strategic planning.

Moderator: Edward Nichol, Senior Researcher, Adaptation to Climate Change Team

- Moving Towards Green Infrastructure in Halifax Regional Municipality
  Peter Duncan, Manager, Infrastructure Planning, Halifax Regional Municipality

- Incenting Green Infrastructure for Stormwater Management
  Sara J. O’Neill, Senior Research Associate, Sustainable Prosperity

- Building Resilience through User Fees: Mississauga’s Stormwater Charge
  Victoria Kramkowski, Stormwater Charge Program Coordinator, City of Mississauga

- Implementation of Stormwater Charges in Halifax: Lessons Learned
  Kenda Mackenzie, Director, Regulatory Services, Halifax Water

Room: Atlantic Ballroom
Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers

Assisting Municipalities in Combatting Extreme Rainfall

This panel will discuss new resources for municipalities tackling urban flooding issues associated with extreme stormwater flows and surcharging wastewater systems. Be a part of the discussion on urban flood risk reduction in Canada, focusing on needs and challenges faced by audience members. Municipalities have the opportunity to get directly involved in some of the panel’s ongoing projects.

Moderator: Dan Sandink, Manager, Resilient Communities and Research, Institute for Catastrophic Loss Reduction (ICLR)

- Urban Extreme Rainfall Flood Risk: Resources and Tools to Support Action
  Dan Sandink, Manager, Resilient Communities and Research, ICLR

- Inflow and Infiltration Entering Sewers in New Subdivisions is Costing us a Fortune!
  Barbara Robinson, President, Norton Engineering Inc.

- Mitigating Urban Flood Risk in New Residential Subdivisions
  Peter Nimmrichter, Associate and Climate Change Specialist, Water Resources, Amec Foster Wheeler

- Lot-level Protection Measures to Improve Resiliency to Basement Flood Events
  Andrew Binns, Professor, School of Engineering, University of Guelph

- Legal Tools to Reduce Lot-level Flood Risk
  Laura Zizzo, Founder & CEO, Zizzo Strategy Inc.

Room: Commonwealth B
Exploring the Connections between Health and Climate Change

There is growing evidence that climate change is affecting the health and well-being of Canadians. More intense heat events, invasive species, and extreme weather events are just a few of the climate impacts affecting human health, especially among vulnerable populations. This session will look at the connections between climate change, resilience, and health, and what we can do to better adapt and prepare.

Moderator: Hana Lapp, Adaptation and Resilience Planner, ICLEI Canada

- The Tentacles of Climate Change: Human Public Health Perspectives
  Gaynor Watson-Creed, Medical Officer, Nova Scotia Health Authority

- Helping Canadian Communities to Reduce the Urban Heat Island Effect
  Gregory Richardson, Policy Analyst, Climate Change and Health Division of Health Canada

- The Four Lenses of Wellbeing
  Melanie Goodchild, Senior Counsel, Indigenous Relations at National Office, Canadian Red Cross

- Better Living in Cities - How Does Urban Green Space Planning Affect Human Health?
  Theresa McGuire, RN/ Clinical Instructor in Community Health, Dalhousie University

Did you know?

This is ICLEI Canada’s fifth Livable Cities Forum, and the first LCF to ever take place on the East Coast!

A recent Geological Survey of Canada study states that the Atlantic Region has the greatest length of sensitive coast in Canada. It is important that we involve coastal communities in the climate conversation as much as possible, as they are home to some of Canada’s most valuable ecosystems, economic resources, and cultures.

#LCF2016
Transformational versus Incremental Adaptation: Can we all Move Light-years Ahead?

There is a growing tendency within the adaptation research community to think about adaptation using the language of transformation – suggesting that the current way of doing business will not be enough. Contrast this idea with the realities on the ground of financial constraint, limited staff capacity, and difficulties with securing political will and one is left with the question of whether all communities can really move ‘light-years ahead’?

Moderator: Ewa Jackson, Manager, ICLEI Canada

- Transformational Capacity – Exploring a Place’s Ability to Change
  Daniella Hirschfeld, Post-Doctoral Candidate, UC Berkeley

- Jon Philipsborn, Associate Vice President / Climate Adaptation Director - Americas, AECOM

- Adaptation and Amphibiation: Flood Mitigation, Community Resilience and the Buoyant Foundation Project
  Elizabeth English, Associate Professor, University of Waterloo

- Getting Ahead of Disaster: Overcoming Public Perception Barriers with Future Visualization
  Stephen Sheppard, Director, Collaborative for Advanced Landscape Planning

Finding the Synergies Between Low-carbon and Resilient Communities

For some time now, we have come to understand climate change mitigation and adaptation as two sides of the same coin. While mitigation efforts work to contain the long term impacts of climate change, adaptation measures are also needed. At the same time, the limits of adaptation highlight the ongoing importance of building low-carbon communities. This session will highlight notable examples from across Canada of communities that are simultaneously working to be low-carbon and resilient to the effects of climate change.

Moderator: Michael Dean, Climate and Energy Project Coordinator, ICLEI Canada

- Better Together: Exploring Mitigation and Adaptation Synergies
  Michael Dean, Climate and Energy Project Coordinator, ICLEI Canada

- LEC’s Innovative Approach to District Energy
  Ben Themens, Director, Lonsdale Energy Corporation

- Codifying Resiliency: LEED’s New Resiliency Pilot Credits
  Ryan Zizzo, Technical Director, Zizzo Strategy Inc.

- Low Carbon Resilience: Transformative Climate Change Planning for Canada
  Edward Nichol, Researcher, Adaptation to Climate Change Team

Room: Lunenburg

Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers

Room: Atlantic Ballroom
Small Town Success Stories: Lessons Learned from Small and Rural Municipalities

In Canada, small and rural communities are sometimes among the hardest hit by the effects of climate change. However, small and rural communities can also have some unique advantages, such as strong cross-departmental collaboration, communication, and community support. This session will discuss challenges and opportunities for climate change adaptation in small and rural municipalities, while highlighting several success stories from throughout Canada.

Moderator: Jennifer Dougherty, Manager, Water Quality Protection, Credit Valley Conservation Authority

- It’s Not Easy Being Green
  Lori Ackerman, Mayor, Fort St. John, BC

- Shhh, Don’t Say Climate Change: Stories from Huntsville & Muskoka, Ontario
  Rebecca Francis, Manager, Continuous Improvement Unit, District Municipality of Muskoka

- Adapting to Heat Stress in Small Rural Towns: A Case Study of Middleton, Nova Scotia
  Patricia Manuel, Associate Professor, School of Planning, Dalhousie University

- Climate Change Adaptation Planning: Lessons from Nome and Homer, Alaska
  Jeff Birchall, Assistant Professor, University of Alberta

Unexpected Viewpoints: Four Fresh Perspectives on Climate Change

Climate change can be understood from a variety of disciplines: climate science, planning, engineering, and countless others. In this ever evolving field there are new and emerging perspectives on climate change and its impacts that highlight the need to continuously reshape and rethink our responses. In this fascinating session, speakers will present examples and share insights relating to tourism, displacement, innovative partnerships, and communications.

Moderator: Megan Meaney, Director, ICLEI Canada

- Loving a Place to Death: Exploring the Causes, Impacts, and Opportunities of Last Chance Tourism in the Context of Canadian Communities
  Mark Groulx, Assistant Professor, School of Environmental Planning, University of Northern British Columbia

- Fires and Floods: Everyone got out, perfect! Now Where do They go? University of Calgary’s Experience in Housing Evacuees
  Bob Maber, Associate Director for Emergency Management, University of Calgary

- Adaptation in First Nation Communities
  Anita Walker, Manager, Indigenous and Northern Affairs Canada

- World Cities Project: Global Co-operation for Building Local Resilience
  Tõnu Laasi, Leading Specialist of Nature Protection, City of Tallinn & Shannon Miedema, Energy and Environment Program Manager, Halifax Regional Municipality
### DAY 2

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<tr>
<th>Time</th>
<th>Session</th>
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<td>Registration and Breakfast</td>
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<tr>
<td>8:30 AM - 9:30 AM</td>
<td>Morning Plenary</td>
<td>Commonwealth A</td>
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<tr>
<td>9:30 AM - 11:00 AM</td>
<td>Concurrent Sessions:</td>
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<td>Fishbowl! Having the Climate Conversation</td>
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<td>Role of the Private Sector in Building Resilience</td>
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<td>Dealing with Water: Flood Preparedness Policy and Governance in Canada</td>
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<td>The Data Divide: Working with Data to Enhance Resilience</td>
<td>Lunenburg</td>
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<td>11:00 AM - 11:30 AM</td>
<td>Coffee Break</td>
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<td>11:30 AM - 1:00 PM</td>
<td>Concurrent Sessions:</td>
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<td>Nature as a Vital Tool for Community Resilience</td>
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<td>Crossing Paths: Building Partnerships to Improve Resilience</td>
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<td>Moving Towards Alternatives: Green Building Practices and Renewable Energy</td>
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<td>Challenges and Opportunities in Building Resilience with First Nations Communities</td>
<td>Atlantic Ballroom</td>
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<td>1:00 PM - 2:00 PM</td>
<td>Networking Lunch - Sponsored by Aviva Canada</td>
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<td>2:00 PM - 3:30 PM</td>
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<td>Blue-green Cities: Integrating Water Management with Urban Greenspace</td>
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<td>Engaging the ‘Unusual Suspects’ in Climate Adaptation</td>
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<td>Lessons Learned from the Municipal Climate Change Action Plan Process in Nova Scotia</td>
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<td>What’s Measured: Using Indicators to Measure Progress and Change Courses</td>
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<td>3:30 PM - 4:00 PM</td>
<td>Coffee Break</td>
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<td>4:00 PM - 6:00 PM</td>
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<td>Engineering Solutions for Flood Resiliency Across Canada</td>
<td>Harbour Suites</td>
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<td>Workshop: Are We on the Right Track? Tools and Indicators to Measure Progress Towards Resilience</td>
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<td>Adaptation Solutions and Innovations from the South: How can Canada-South Collaboration Inform Adaptation at Larger Scales at Home?</td>
<td>Atlantic Ballroom</td>
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<td>6:00 – 7:30 PM</td>
<td><strong>Partners for Action Cocktail Reception</strong></td>
<td><strong>Partners for Action</strong></td>
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<td>Light snacks and refreshments will be served.</td>
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<td>Welcome and opening remarks by Jean Andrey, Dean, Faculty of Environment, University of Waterloo</td>
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<td>Full speaker bios can be accessed online at <a href="http://www.livablecitiesforum.com/speakers">www.livablecitiesforum.com/speakers</a></td>
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8:30 AM – 9:30 AM

Morning Plenary: Putting Research into Action on Community Resilience and Climate Change

This session will focus on bridging the gap between research and practice in building community resilience. The panelists, moderated by Bob Bjerke, Chief Planner at Halifax Regional Municipality, will explore the conference themes by discussing how the research community can support practitioners and vice versa. Plenary speakers will share what they are doing in their professional community to better integrate research into local adaptation and communication on climate change.

Plenary Chair:
Bob Bjerke, Chief Planner, Halifax Regional Municipality

Plenary Speakers:
Jean Andrey, Dean, Faculty of Environment, University of Waterloo

Paul Kovacs, Executive Director, Institute for Catastrophic Loss Reduction (ICLR)

Charlotte MacAlister, Senior Program Officer, International Development Research Centre (IDRC)
**Fishbowl! Having the Climate Conversation**

In an age of Twitter, Instagram and Facebook we are constantly communicating – it is almost impossible to get “out of touch” and easy to get overwhelmed. We are expected to have the latest information and be ready to share that with our networks. Couple this with the reality of Canada’s changing climate and aging infrastructure, more frequent extreme events, and an increasingly urbanized landscape, and clearly there is a communications effort that requires our attention. Join us for this Fishbowl session where the audience and panelists are merged into one “bowl” to have a guided discussion on strategies, successes, failures, and opportunities relating to having the climate conversation.

**Facilitators**
- Liz Nield, CEO, Lura Consulting
- Ewa Jackson, Manager, ICLEI Canada

**Role of the Private Sector in Building Resilience**

How can accountants, developers, insurance professionals and engineers work together to help communities adapt to climate change? This session will explore private sector perspectives on climate risks and opportunities in a competitive market, as well as the role and capacity of the private sector to improve the state of climate change adaptation in Canada.

Moderator: Christina Schwantes, Adaptation and Resilience Planner, ICLEI Canada
- Business & Society – Building Resiliency Together for Canadians
  Barbara Turley-McIntyre, Vice President, Sustainability & Citizenship, The Co-operators Group Limited
- Resilience – Managing Risk and Seizing Opportunity
  Gord Beal, Vice-President, Research, Guidance and Support, Chartered Professional Accountants Canada
- Building Disaster Resilience in Small and Mid-Size Businesses
  Jon Philipsborn, Associate Vice President / Climate Adaptation Director - Americas, AECOM
- Green Infrastructure Planning for Master Planned Communities
  Scott MacCallum, Director of Operations, Clayton Developments Limited

**Room: Atlantic Ballroom**
Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers

**Room: Harbour Suites**
Dealing with Water: Flood Preparedness Policy and Governance in Canada

What types of policy and governance tools can we use to increase municipalities’ preparedness in general, but also on the frontlines when a flood hits? Find out what exists, what is missing, and what is needed to ensure that Canadian communities can increase flood preparedness and manage flood risk.

Moderator: Shawna Peddle, Director, Partners for Action

• Informing Flood Management in Canada: Experiences and Opinions of Homeowners
  Shawna Peddle, Director, Partners for Action

• Climate Adaptation: Reducing Flood Risks for Homes and Communities in Canada
  Natalia Moudrak, Director of Natural Infrastructure Adaptation Program, Intact Centre on Climate Change Adaptation

• Paradigm Shift in Southern Alberta: Innovation in Flood Mitigation since June 2013
  Micaela Gerling, Program Coordinator, Alberta Community Resilience Program, Environment and Parks, Government of Alberta

• Planning and Delivering Regional Services and Utilities in a Time of Climate Change
  Tom Lancaster, Division Manager, Planning & Analytics, Metro Vancouver

• Dave Murray, Principal, Water Resources Engineer, Kerr Wood Leidal Associates/CWRA

The Data Divide: Working with Data to Enhance Resilience

Our ability to predict, manage and cope with climatic impacts is not only challenged by the uncertainty surrounding climate change and traditional methods of data analysis, but also by our capacity to properly translate this data into comprehensive information, in order to inform planning processes and decision-making. This session will explore the importance and limitations of data, and tools that can be used to help translate complex data to decision-makers and communities.

Moderator: David Lapp, Practice Lead, Globalization and Sustainable Development, Engineers Canada

• Examples of Co-production to Enhance Data Integration and Adaptation
  Isabelle Charron, Climate Scenario Specialist; Climate Scenario and Services Group, Ouranos

• Paul Kovacs, Executive Director, Institute for Catastrophic Loss Reduction

• Leading-edge Climate Change Science Informing Real-World Needs: The City of Cambridge Massachusetts as a Case Study
  Nathalie Beauvais, Climate Lead, Kleinfelder & Peter Nimmrichter, Senior Water Resources Engineer, Amec Foster Wheeler

• Sharing Resilience Knowledge Among Coastal Communities: A Similarity Approach to using Hazard Vulnerability Indicators
  Jackie Yip, PhD Candidate, University of British Columbia
Nature as a Vital Tool for Community Resilience

The natural environment plays a key role in community resiliency, even in large urban centers across Canada. Natural systems offer several means of improving an area’s adaptive capacity. This session will explore the value of the natural environment when it comes to community resiliency, as well as innovative ways that practitioners have worked with nature to mitigate the effects of climate change.

Moderator: Megan Meaney, Director, ICLEI Canada

- Building Resilience to Climate Change Through Nova Scotia’s Protected Areas
  Peter Labor, Director, Protected Areas and Ecosystems, Nova Scotia Environment

- Living Shorelines: Managing Sea Change Through Shoreline Naturalization
  Larissa Holman, Water Coordinator, Ecology Action Centre

- Halifax Green Network Plan: Ecosystem-Based Planning for Resilient, Sustainable Communities
  Holly Richardson, Policy Coordinator, Parks and Recreation, Halifax Regional Municipality

- Trees: An Indispensable Tool for Livable And Resilient Cities in a Changing Climate
  Peter Duinker, Professor, Dalhousie University

Crossing Paths: Building Partnerships to Enhance Resilience

Partnering with multiple stakeholders such as non-governmental organizations, research institutions, private businesses, as well as provincial and federal governments, can help an secure predictable and sustainable financial resources for adaptation. However, the diverse needs of climate adaptation require more than funding resources alone. This session will showcase unique partnerships that have been used for implementing adaptation projects across Canada.

Moderator: Devin Causley, Manager, Climate Change Programs, Federation of Canadian Municipalities

- Building Resilience Through Community-municipal Partnerships: The Example of EarthCare Thunder Bay
  Curniss McGoldrick, Climate Adaptation & Communication Coordinator, City of Thunder Bay

- Building Bridges: Implementation of Innovative Stormwater Management Through Innovative Partnerships
  Jennifer Dougherty, Manager, Water Quality Protection, Credit Valley Conservation Authority

- Collectively Smarter: Quantifying Canadian Catastrophe
  Carolyn Rennie, Managing Director, Catastrophe Indices and Quantification Inc.

- Partnering with the Professions to Build Adaptation Capacity
  Elizabeth Atkinson, Director of Strategic Partnerships, Interdisciplinary Centre for Climate Change, University of Waterloo

Room: Commonwealth B

Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers
Moving Towards Alternatives: Green Building Practices and Renewable Energy

As climate change becomes increasingly disruptive to large-scale energy generation and distribution networks, small-scale resilient technologies will become increasingly vital. Two key components of the shift to low-carbon communities – local renewable energy generation and net zero buildings – can also contribute to the adaptive capacity of communities. This session will explore some of the ways they are currently being implemented by municipalities in Canada.

Moderator: Simon Mitchell, Senior Specialist - St. John River, WWF Canada

- A Look at Marine Renewable Energy Technology Demonstration in the Bay of Fundy
  Tony Wright, General Manager, FORCE Fundy

- The Little City that has Become Aggressively Passive
  Lori Ackerman, Mayor, Fort St. John, British Columbia

- A Municipal Action for a Low Carbon Community: Halifax’s Solar City Project
  Adam Hayter, Energy Specialist, Halifax Regional Municipality

- How Will Canada meet Its Environment and Climate Change Targets While Developing a Sustainable Economy and Promoting Health and Wellness for Canadians?
  Lara Ryan, Regional Director – Atlantic Chapter, Canada Green Building Council

Challenges and Opportunities in Building Resilience with First Nations Communities

Ensuring that First Nations have the tools they need to fight and adapt to climate change is an imperative across Canada. This session will look at the state of climate change adaptation in First Nations communities across the country, with a particular focus on Atlantic Canada. This session will also seek to set the direction for how better to engage First Nations in climate change adaptation planning and implementation.

- Kerry-Ann Charles, Environmental Coordinator, Chippewas of Georgina Island First Nation

- Catherine Bélard, Planning Coordinator, First Nations of Quebec and Labrador Sustainable Development Institute

- Myriam Beauchamp, Chargée de projets en changements climatiques, Grand Conseil de la Nation Waban-Aki

- Randall B. Angus, Director of Integrated Resource Management, Mi’kmaq Confederacy of PEI

- Jennifer Copage, Senior Associate, Mi’kma’ki All Points Services

- Robert Bernard, Pitu’paq Partnership

- Angeline Gillis, Environment and Natural Resources, The Confederacy of Mainland Mi’kmaq

Room: Harbour Suites

Room: Atlantic Ballroom

Presentations will be available online September 30th at www.livablecitiesforum.com/program
Blue-green Cities: Integrating Water Management with Urban Greenspace

Blue-green infrastructure (BGI) has the potential to transform cities into more sustainable and resilient, urban centres, but it is still far from the standard for urban water management in Canada. Join us to discover the benefits and added values stemming from BGI and how some municipalities overcame the social, political and technical challenges of implementation.

Moderator: Dave Murray, Principal, Water Resources Engineer, Kerr Wood Leidal Associates, and National President, CWRA

- Overcoming Barriers to Blue-green Infrastructure through Multiple Benefit Evaluation
  Emily O’Donnel, Research Fellow, Geographical Sciences, University of Nottingham

- Celebrating Green Infrastructure in Atlantic Canada: A Focus on our Collaborative Success
  Camilla Melrose, Water Program Coordinator, Clean Foundation

- Integrating the Water/Energy Nexus—a Practitioner’s Tale
  Carl Yates, General Manager, Halifax Water

- Reversing the Hydro-illogical Cycle: Blue-Green Water Management Advances in British Columbia
  Dave Murray, Principal, Water Resources Engineer, Kerr Wood Leidal, and National President, CWRA

Engaging the 'Unusual Suspects' in Climate Adaptation

What do farmers, accountants, and faith leaders have in common? Join us to hear from panellists who have found creative, targeted, and mutually beneficial ways to engage stakeholders on climate change adaptation, in ways that are meaningful to them and sensitive to a variety of perspectives.

Moderator: Ewa Jackson, Manager, ICLEI Canada

- Accountants...Not Just a Bunch of Number Crunchers
  Gord Beal, Vice President, Research, Guidance and Support, Chartered Professional Accountants Canada

- Resilientville: A Practical Model for Community-led Preparedness
  Lucy Cummings, Executive Director, Faith and the Common Good & Alain Normand, Manager, Brampton Emergency Management Office, The City of Brampton

- Climate Change Impacts and Adaptation in Rural Prairie Communities
  David Sauchyn, Professor, University Regina, and Researcher, Prairie Adaptation Research Collaborative

Room: Atlantic Ballroom
Room: Commonwealth B

Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers
Lessons Learned from the Municipal Climate Change Action Plan Process in Nova Scotia

Nova Scotia is the only Province in Canada to mandate ‘Municipal Climate Change Action Plans,’ using the federal gas tax as a monetary incentive for initiating the development of municipal plans designed to mitigate and adapt to climate risks. This panel includes representatives from Nova Scotia’s Provincial and Municipal governments, as well as NGO and consulting sectors, in order to reflect on the MCCAP process and to discuss the broader barriers and opportunities for enabling the integration of climate adaptation plans into municipal decision making.

Moderator: Brennan Vogel, Post-doctoral Candidate, Western University

- Graham Fisher, Senior Planner, Nova Scotia Department of Municipal Affairs
- Jeanne Bourque, Planner, The Municipality of the District of the West Hants, Nova Scotia
- Terry Thibodeau, Renewable Energy Program Coordinator, Digby, Nova Scotia
- Yuill Herbert, Founding Director, Sustainable Solutions Group

What’s Measured? Using Indicators to Measure Progress and Change Courses

Adaptation actions require ongoing and consistent monitoring and evaluation. This session will explore how adaptation indicators can be used as a means to track and assess where you are in relation to an adaptation action, determine whether you are headed in the intended direction, and assess how far away you are from the desired adaptive outcome.

Moderator: Christina Schwantes, Adaptation and Resilience Planner, ICLEI Canada

- What’s Measured, Improves: Indicators and Benchmarks to Support the Integration of Climate Change Resilience into Regional Scale Land Use Planning
  Travis Allan, Partner, DeMarco Allan LLP

- Measuring Progress at a Regional Scale in Canada’s Largest Urban Region—Addressing the Challenges of Coordination and Collaboration
  Ian McVey, Project Manager, Ontario Climate Consortium

- Identifying Determinants of Resilience: The Importance of Applying a Social-ecological Systems Frame
  Susan Evans, Senior Specialist, Science Research and Innovation, WWF-Canada

- Measuring Urban Adaptation Through a Lens of Social Equity
  Patrick Regan, Professor and Associate Director, Notre Dame—Global Adaptation Index (ND-GAIN)

Room: Harbour Suites
Room: Lunenburg

Presentations will be available online September 30th at www.livablecitiesforum.com/program
**Engineering Solutions for Flood Resiliency Across Canada**

In this session, participants will learn about how Canadian municipalities have put theory into practice and have used innovative partnerships, approaches, project tools and solutions to improve community flood resiliency. Case studies will be presented from three Canadian projects to showcase how these partnerships play a key role in advancing adaptation and lessons learned from on-the-ground practitioners and municipal staff.

Moderator: Peter Nimmrichter, Associate and Climate Change Specialist, Water Resources, Amec Foster Wheeler

- Weathering the Storm—The City of Burlington Learns from the August 4, 2014 Flood
  Allan Magi, Executive Director, Capital Works, City of Burlington, Ontario & Ron Scheckenberger, Principal Water Resources, Amec Foster Wheeler

- Planning for Extreme Precipitation—Assessing Alternatives for Stormwater Infrastructure Resiliency
  Marvin Ingebrigsten, Infrastructure & Development Services Supervisor, Infrastructure Services – Engineering Division, City of Welland, Ontario

- Climate Adjusted Flood Risk Maps—A New Planning Tool
  Chris Milley, Town Manager/Engineer, Town of Portugal Cove—St Philips, Newfoundland and Labrador & Jacques Paynter, Principal, Environment & Infrastructure Amec Foster Wheeler

**Workshop: Are We on the Right Track? Tools and Indicators to Measure Progress Towards Resilience**

Knowing where we are and where we want to go is an important part of advancing our resilience. Participants will engage in discussions on the process of selecting appropriate monitoring and evaluation frameworks (including indicators, performance metrics, and benchmarks), how to integrate measurement and evaluation into the early stages of planning, how to look at the indicators of resilience at a systems scale, and examine how they can be operationalize these concepts when they return home to their communities.

Moderator: Megan Meaney, Director, ICLEI Canada

- Are we There Yet? Applying Sustainability Indicators to Measure Progress on Adaptation & Research in OECD Countries: Lessons for Canada
  Megan Meaney, Director, ICLEI Canada

- Are we Measuring What Matters? Asking the Right Questions to Effectively Address the Resilience Challenge
  Susan Evans, Senior Specialist, Science Research and Innovation, WWF-Canada

- A Framework for Evaluating and Comparing Climate Change Adaptation in Cities
  Patrick Regan, Professor and Associate Director, Notre Dame—Global Adaptation Index

- What’s Measured, Improves: Indicators and Benchmarks to Support the Integration of Climate Change Resilience into Regional Scale Land Use Planning
  Ian McVey, Project Manager, Ontario Climate Consortium

Room: Harbour Suites
Full speaker bios can be accessed online at www.livablecitiesforum.com/speakers

Room: Commonwealth B
Resilientville: A Practical Model for Community Led Preparedness

In this role-playing workshop, participants will advance their awareness of the short and long term benefits of problem solving at the neighborhood level. By working together as a community on issues that present themselves on a daily basis, the exercise demonstrates how residents can develop crucial skills and relationships that strengthen their ability to respond to a wide variety of unforeseen challenges and opportunities brought on by the changing climate. Max: 40 people

Facilitators:

- Lucy Cummings, Executive Director, Faith & the Common Good
- Alain Normand, Manager, Emergency Management Office, City of Brampton
- Daniel Homsey, Director of Neighborhood Resilience for the City Administrator’s Office of the City and County of San Francisco
- Hana Lapp, Adaptation and Resilience Planner, ICLEI Canada
- Michaël Houle, Adaptation and Resilience Project Coordinator, ICLEI Canada

Adaptation Solutions and Innovations from the South: How can Canada-South Collaboration Inform Adaptation at Larger Scales at Home?

This panel and workshop will present examples from Canadian research which demonstrate how climate information and solutions communicated to different audiences – ranging from school children to small scale farmers, and from planners and development banks – were brought to larger scales. In this workshop, speakers will discuss the case for effective communication on climate change adaptation. Canadian adaptation specialists will share their perspectives on the application of innovative communications for the Canadian context, from both a rural and municipal perspective.

Moderator: Charlotte MacAlister, Senior Program Officer, International Development Research Centre (IDRC)

- Ewa Jackson, Manager, ICLEI Canada
- Quynh Anh Nguyen, National Institute for Science and Technology Policy and Strategy Studies, Vietnam
- Willemien van Niekerk, CSIR Built Environment, South Africa
- Adrian Cashman, CERMES, The University of the West Indies, Barbados
- Louis Lebel, Unit for Social and Environmental Research, Chiang Mai University, Thailand
- Phim Lebel, Unit for Social and Environmental Research, Chiang Mai University, Thailand

Room: Lunenburg

Room: Atlantic Ballroom

Presentations will be available online September 30th at www.livablecitiesforum.com/program
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<td>Breakfast Plenary—Hot breakfast buffet served</td>
<td>Harbour Suites</td>
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<td>9:00 AM - 12:30 PM</td>
<td>Study Tours and Workshops</td>
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<td>City Cycling Tour: Coastal Impacts and Adaptation</td>
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<td>City Walkabout: Urban Forests and Point Pleasant Park</td>
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<td>9:00 AM - 4:00 PM</td>
<td>Prospect Village Day Trip</td>
<td>Harbour Suites</td>
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<td>9:15 AM - 12:30 PM</td>
<td>Partners for Climate Protection World Café: Tools, Capacity</td>
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<td>Building and Current Issues</td>
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<td>9:15 AM - 12:30 PM</td>
<td>Integrating Climate Change and Health into Community</td>
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<td>Adaptation Planning</td>
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**City Cycling Tour: Coastal Impacts and Adaptation**

Join a cycling tour of Halifax and Dartmouth to see a range of examples of extreme weather impacts and adaptation as well as some areas of opportunity for action. This session will be led by the Ecology Action Centre’s Water Coordinator with the Coastal and Water Issues Committee, Larissa Holman. A short cycling safety briefing will be led by the Ecology Action Centre’s Making Tracks transportation leaders. **Meeting Time: 9:00 AM at the Westin Nova Scotian Commonwealth Foyer**

**City Walkabout: Urban Forests and Point Pleasant Park**

Enjoy a guided scenic walk in Halifax beginning at Dalhousie University and winding down into Point Pleasant Park at the Halifax Harbour. Tour leader Peter Duinker, Professor at Dalhousie University, will discuss Halifax’s award-winning Urban Forest Master Plan as well as the Point Pleasant Park Masterplan and the management of the park since it was heavily impacted by Hurricane Juan in 2003. **Meeting Time: 9:00 AM at the Westin Nova Scotian Commonwealth Foyer**

**Prospect Village Day Trip**

Prospect Village is a traditional fishing village located on the granite headlands of the Prospect Peninsula on Nova Scotia’s southwest shore. Join us for a guided tour of this spectacular coastal village. The day will start with an exciting shoreline hike through the majestic granite barrens of the Prospect High Head conservation area. After a hearty fish chowder lunch break at the community hall we’ll tour the village and meet local residents who will tell their stories of living in Prospect. Led by John Charles, Halifax Regional Municipality. **Meeting Time: 9:00 AM at the Westin Nova Scotian Commonwealth Foyer**
Partners for Climate Protection
World Café: Tools, Capacity Building and Current Issues

Since 1994, over 250 municipalities from throughout the Atlantic provinces and across Canada have participated in the Partners for Climate Protection (PCP) program to account for their greenhouse gas emissions, set targets to reduce GHGs, and develop and implement local climate change action plans. At the Partners for Climate Protection World Café, we will present some of the latest developments from new international standards for emissions accounting, new networking opportunities and platforms, new PCP Tools, and more while at the same time we want to learn how we could better serve the Atlantic PCP members and continue to build capacity for even deeper climate change action.

Coffee Provided
Moderator: Devin Causley, Manager, Climate Change Programs, Federation of Canadian Municipalities

- Michael Dean, Climate and Energy Project Coordinator, ICLEI Canada
- Graham Fisher, Senior Planner, Nova Scotia Department of Municipal Affairs
- Yuill Herbert, Founding Director, Sustainable Solutions Group
- Debbie Nielsen, Sustainability Coordinator, Union of Nova Scotia Municipalities

Integrating Climate Change and Health into Community Adaptation Planning

Action at the local level by municipalities and the public health sector is particularly important because that is where many of the impacts of climate change will be felt most directly. The goal of this workshop is to introduce local decision-makers to how climate change could impact the health of Canadians, and, through hands-on facilitated exercises, explore how local governments can take action to reduce health impacts.

Coffee Provided
Moderator: Michaël Houle, Adaptation and Resilience Project Coordinator, ICLEI Canada

- Peter Berry, Senior Policy Analyst, Health Canada
- Gregory Richardson, Policy Analyst, Climate Change and Innovation Bureau, Health Canada
- Louise Aubin, Manager, Environmental Health, Peel Public Health

This workshop is jointly organized by Health Canada and ICLEI Canada.

Room: Harbour Suites
Room: Lunenburg

Presentations will be available online September 30th at www.livablecitiesforum.com/program
Notes:
Thank you to all the delegates, speakers, sponsors, staff, and volunteers who made the fifth anniversary Livable Cities Forum our most successful yet.

Together, we have advanced the conversation on community climate change adaptation and resiliency in Canada. We hope to see you again next time!

Please email LCF2016@iclei.org for any questions or feedback about the Forum.