

2014 PROGRAM

Livable Cities Forum

Building Resilient Communities

APRIL 2 - 4, 2014 • Vancouver, BC

SFU



•I.C.L.E.I.
Local
Governments
for Sustainability



3:50 PM
#LCF2014

It's 3:50 pm at the Livable Cities Forum.

We challenge each of you to stop precisely at 3:50 pm to photograph & tweet what is in front of you. We predict a poignant cross-section of portraits, streetscapes, habitats and group activities that tell a colourful story about the Livable Cities Forum experience. Why 3:50? We want to see what you see!

Sponsors



Energy Partner:



Plenary Speakers



Rob Abbott is the Executive Director of Carbon Neutral Government and Outreach with the Province of British Columbia's Climate Action Secretariat. In his 20 years prior to coming to government, Rob has helped businesses all over the world discover wealth-creating opportunities through a deeper integration of sustainability with organizational and competitive strategy. Rob is passionate about the intersection of sustainability with strategy and innovation; the ways in which trust (self trust, relationship trust and organizational trust) must be created to enable the collaboration that will create communities that are low carbon, healthy, and resilient in the face of change; and meaningful engagement of the three types of innovators necessary to achieve broad systemic change: disruptive, bridging and receptive.

[Executive Director, Climate Action Secretariat, Ministry of Environment, Province of British Columbia](#)



Jeb Brugmann has worked in over 30 countries to help city governments, global companies, and international institutions develop their 'next practices' for sustainable development.

From 1990-2000, Jeb served as founding Secretary General of ICLEI-Local Governments for Sustainability. In 1991, he founded the first major international action research project on urban greenhouse gas reduction, which led to the establishment of ICLEI's Cities for Climate Protection campaign. He conceived and established the worldwide urban sustainability planning process called Local Agenda 21, endorsed and launched by the 1992 United Nations 'Earth Summit.' In 2004, Brugmann co-founded The Next Practice innovation consultancy with renowned business strategist Prof. C.K. Prahalad, assisting a wide range of companies establish award-winning and high impact new product and business lines. A Senior Associate of the University of Cambridge Programme for Sustainability Leadership, his latest book is *Welcome to the Urban Revolution: How Cities Are Changing the World*.

[Managing Partner, The Next Practice](#)



Larry Clay was appointed Assistant Deputy Minister of the Ontario Growth Secretariat (OGS), Ministry of Infrastructure, in July 2013. As ADM, Larry oversees the management and implementation of the Growth Plan for the Greater Golden Horseshoe. Prior to joining the OGS, Larry worked as the Director of the Central Municipal Services Office at the Ministry of Municipal Affairs and Housing (MMAH) where he oversaw municipal service delivery, governance issues, and land use planning approvals in the Greater Toronto Area, including implementing the Growth Plan, Greenbelt Plan and the Oak Ridges Moraine Conservation Plan. During his career in the Ontario Public Service, Larry has held a number of senior positions at the former Ministry of Treasury and Economics, the Ministry of Finance and MMAH. This includes an assignment as Executive Director, Beverage Alcohol System Review Secretariat and an acting assignment as Assistant Deputy Minister of the Municipal Services Division at MMAH.

[Assistant Deputy Minister, Growth Secretariat, Ministry of Infrastructure, Province of Ontario](#)



Dr. Blair Feltmate is an Associate Professor, Faculty of Environment, University of Waterloo. Positions he holds include: Chair, Climate Change Adaptation Project, Canada; Senior Advisor, Sustainable Electricity Program, Canadian Electricity Association; Board Member, CLEARresult; Chair, WeatherWise, City of Toronto; Co-Chair, Greening Greater Toronto. He works extensively with Canada's Property & Casualty insurance sector on matters pertaining to extreme weather and flooding.

Previous positions Dr. Feltmate has held include: Vice President, Sustainable Development, Bank of Montreal, and Director of Sustainable Development, OPG. Dr. Feltmate has developed the sustainable development programs for two dozen multi-national companies. He was sustainable development advisor to American Chemistry Council (Washington, DC) and Canada's first Commissioner of Environment and Sustainable Development.

[Associate Professor, Faculty of Environment, University of Waterloo](#)



Stephen Huddart is the President and CEO of the J.W. McConnell Family Foundation, a national private foundation based in Montreal, and focused on social innovation and resilience in Canada. Its current initiatives address innovation capacity across sectors; field building for impact investing; urban resilience and livability (Cities for People); sustainable food systems; Indigenous reconciliation; and other issues.

Before joining the Foundation Stephen was the Executive Director of the Troubadour Institute and Troubadour Music Inc., working with children’s advocate and entertainer Raffi. Prior to this, he worked with the British Columbia SPCA, on innovations in animal-assisted therapy, humane food labelling and humane education. He also co-founded and operated a jazz café in Vancouver, and worked as a documentary filmmaker and on community development in Latin America. He has a Masters of Management degree from McGill University.

[President & CEO, The J.W. McConnell Family Foundation](#)



Ewa Jackson is the Acting Director of ICLEI’s Canada office, where she assists in overseeing the operations of ICLEI’s activities in Canada. She is responsible for the managing of all ICLEI Canada’s programs, staff and operational activities. She represents ICLEI Canada at major events, meetings, and with other partners.

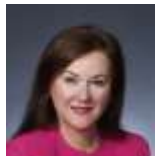
Ewa has worked with municipal governments for over 10 years in the fields of sustainability, public participation, and climate change. She holds degrees from the University of Toronto in environmental management and political science and is currently pursuing a Masters in Environment and Business at the University of Waterloo. Currently she is exploring various programs related to climate change response, community sustainability plans, and other sustainability management tools.

[Acting Director, ICLEI Canada](#)



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](#)



Patricia A. Koval is a partner of Torys LLP where she practices in the areas of M&A, corporate and securities law, governance and climate change. Among other things, she is the Co-Chair of Torys Climate Change and Emissions Trading Practice Group. She is a member of the Advisory Committee of the Climate Change Adaptation Project, a member of the Environmental Finance Committee of University of Toronto’s School of the Environment and a member of the Board of Directors of the Living City Foundation. Pat is also the past Chair of the Board of Directors of World Wildlife Fund (Canada).

[Partner, Torys LLP](#)



Andrea Reimer was first elected in 2002 as a School Board member with the Green Party. Andrea was inspired by Gregor Robertson’s leadership to join Vision Vancouver and was elected to City Council in 2008.

Andrea was appointed in 2008 as the Chair of the City’s Planning and Environment Committee and Council lead on the award-winning Greenest City Action Plan, overseeing Vancouver’s efforts to become a global leader in environmental action. A strong advocate for open government reforms, Andrea brought in a world-leading Open Data program cited by *BC Business* magazine as the reason for naming the City of Vancouver the province’s most innovative organization in 2011. This work also extends to establishing new advisory committees for women, urban aboriginal peoples and LGBTQ community, four new community planning processes and better use of social media & technology for engagement.

[Councillor, City of Vancouver](#)



Michael Schmitz is an attorney and non-profit leader with business experience who brings to the job over two decades of experience in policy at the federal, state, and local levels. Before joining ICLEI, Michael was Principal of Go Forward Consulting specializing in strategic research, analysis and policy development. The firm managed and advised non-profit, business, and political clients on a range of issues including environmental regulation, land use, and economic development. In this capacity he served as Executive Director of CLEEN, a statewide coalition of environmental and public health organizations advocating for the protection of California's clean water and environmental health.

He holds a bachelor's and master's degree from Stanford, a law degree from UC Hastings in San Francisco, and a master's degree in Urban Planning from UCLA.

[Executive Director, ICLEI USA](#)



Barbara Turley-McIntyre started her insurance career as an independent broker in Montreal in the early 1980's. In 1997 she joined The Co-operators Group Limited, a \$35 billion Canadian-owned, multi-product insurance company, where she has managed underwriting teams in property and casualty. She has also been responsible for community and shareholder relations. Barbara leads the development and implementation of the Sustainability Vision, Policy and Strategy with responsibility for producing the annual Sustainability Report and carbon management programs. She also has responsibility for The Co-operators community programs, including The Co-operators Foundation.

Barbara holds a Chartered Insurance Professional designation and is presently enrolled in the Masters in Environment and Business at the University of Waterloo. She volunteers with organizations that advance sustainable development and is a Director with The Natural Step Canada, a member of the Network for Business Sustainability Leadership Council at the University of Western Ontario. She also sits on the United Nations Environment Program, Financial Institution – Insurance Commission, the Global Steering Committee and is the Co-Chair of its North American Task Force.

[Senior Director, Sustainability & Citizenship, The Co-operators](#)



Mark Way heads Swiss Re's sustainability activities in the Americas and is part of the company's Sustainability & Political Risk Management unit. Mark has held this position since 2006, working from Swiss Re's Americas headquarters in Armonk, NY. He is involved in various advisory roles and leads the company's sustainability engagement with key stakeholders in the region. These range from government departments, insurers, corporations, leading NGOs, and international organizations to academia and internal units. Mark currently represents Swiss Re on the Management Board of ClimateWise, the insurance industry's leadership group on climate change risk and he led Swiss Re's project team that contributed to the recent report released by New York City on building resilience to climate change. Mark is a regular speaker, and contributor to articles, on climate related risk topics.

Mark joined the Swiss Re Group in 1994 working in various property and casualty marketing teams including those responsible for regions such as United Kingdom, Scandinavia and Japan. In 2001 he took over the role of Client Manager for the company's business in Greece, Cyprus and Malta. A British citizen, Mark graduated from the University College Wales (UK) having studied international politics in the United Kingdom and the United States.

[Senior Vice President, Head Sustainability Americas Hub, Swiss Re](#)



Nick Xenos is the Director of the Climate Change Impacts and Adaptation Division within the federal department of Natural Resources Canada. Other positions held by Mr. Xenos include: Director of Arctic Science Policy Integration at Aboriginal Affairs and Northern Development Canada, Director of the Government Liaison Office for the Canadian Space Agency, Senior Advisor with Infrastructure Canada and assignments with the Government of Canada in Vancouver and with the Government of Nunavut in Iqaluit. Mr. Xenos has also served as a citizen volunteer on planning and environmental advisory committees to the Cities of Gatineau and Ottawa. Mr. Xenos has a strong interest in the breadth of climate change issues and has worked on climate change from a range of perspectives including: the interface between science, technology and policy, regional impacts and adaptation issues, roles of all levels of Government (municipal, territorial and federal), infrastructure development, etc..Mr. Xenos has an MBA from Dalhousie University and an Honours Bachelor of Commerce from the University of Ottawa.

[Director, Climate Change Impacts and Adaptation Division, Natural Resources Canada, Government of Canada](#)

DAY 1

2014 PROGRAM AT A GLANCE

7:30 AM - 8:30 AM	Registration
8:30 AM - 10:00 AM	Welcome and Opening Plenary: Working together to build resilient communities
10:00 AM - 11:15 AM	Concurrent Sessions
	Cities responding to extreme events
	Revitalizing established neighbourhoods to enhance resilience
	Panel: Managing flood risks in coastal and river basin communities
11:15 AM - 11:45 AM	Coffee Break - Regency
11:45 AM - 1:00 PM	Concurrent Sessions
	#ClimateChange: Innovative communication and engagement strategies
	Measuring the cost of adaptation and funding it
	Integrating resilience in small and medium sized urban settings
	Building green and sustainable businesses: Lessons on saving money, energy, and resources
1:00 PM - 2:00 PM	Lunch - Regency C/D
2:00 PM - 3:30 PM	Concurrent Sessions:
	Initiate, research and plan: Moving through milestones
	Responding to natural disasters: Case studies from the field
	Placemaking 101: Putting the 'public' back into public space
	Healthy people, healthy places: Exploring the connection between public health and resilience
3:30 PM - 4:00 PM	Coffee Break - Regency
4:00 PM - 5:30 PM	Concurrent Sessions:
	Workshop: Exploring tools for municipal climate response
	Creating connections: Finding the linkages between municipal areas of work
	From farm to fork: Building resilient local food systems
	Measuring progress on climate change adaptation: A Canadian interdisciplinary perspective
6:00 PM - 9:00 PM	Local Harvest Dinner - Perspectives Lounge, 34th floor

8:30 AM – 10:00 AM

Working together to build resilient communities

This opening plenary will focus on a panel discussion between key stakeholders in building resilient communities. Representatives from government will sit alongside key industry and non-profit representatives to discuss the need for more resilient communities and how to achieve this while at the same time enhancing livability. The main focus will be on cross-sectoral action and priorities for collaborative efforts on improving livability and building climate resilience in North American cities.

Plenary Speakers:

Stephen Huddart, President & CEO, The J.W. McConnell Family Foundation

Jeb Brugmann, Managing Partner, The Next Practice

Mark Way, Senior Vice President, Head Sustainability Americas Hub, Swiss Re

Barbara Turley-McIntyre, Senior Director, Sustainability & Citizenship, The Co-operators

Andrea Reimer, Councillor, City of Vancouver

Moderated By: Ewa Jackson, Acting Director, ICLEI Canada



Responding

Regency B

Cities preparing for extreme events

Extreme weather events are becoming more severe, more frequent, and more costly. From drought to flooding to tidal surges, these events can have devastating effects. Cities have a key role to play in preparing for and responding to these events. This session will highlight drivers of successful local preparedness strategies and will explore the experiences of select cities from across North America.

Moderator: Tamsin Mills, Senior Sustainability Specialist, City of Vancouver

- Preparing for Climate Change in Cambridge, MA: Using Science and Engaging the Community
[John Bolduc, Environmental Planner, City of Cambridge](#)
- Finding Co-benefits from Adaptation Solutions – Both Planned and Built – From Around the World
[Claire Bonham-Carter, Director, Sustainable Development, AECOM](#)
- Local Governments and the Growing US Resilience Movement
[Brian Holland, Director, Climate Programs, ICLEI USA](#)
- Public Infrastructure Climate Risk and Engineering Vulnerability Assessment in Canada
[David Lapp, Manager, Professional Practice, Engineers Canada](#)

Preparing

Oxford/Prince of Wales

Panel: Managing flood risks in coastal and river basin communities

This panel will explore different local and regional government approaches to mainstreaming adaptation into decision-making. Panelists will highlight municipal experiences with the development of comprehensive adaptation strategies, examples of mainstreaming climate change considerations into planning, the application of sea level rise mapping to bylaw development, and the role of the Fraser Basin Council in facilitating collaboration and providing adaptation planning tools for local governments in BC.

Moderator: Thomas White, Manager, Science and Adaptation, Climate Action Secretariat, Province of BC

- [Jim Vanderwal, Senior Manager, Fraser Basin Council](#)
- [Maggie Baynham, Sustainability Coordinator, City of Surrey](#)
- [Liz Ferris, Climate Action Program Coordinator, Capital Regional District](#)
- [Steve Litke, Senior Manager, Fraser Basin Council](#)

Preparing

Regency A

Revitalizing established neighbourhoods to enhance resilience

Urban growth has traditionally been at the periphery of cities exacerbating problems of urban sprawl and low-density communities, at the same time resiliency efforts have traditionally focused on making these new communities resilient at the development stage. In contrast, neighbourhood revitalization and urban density strategies have often not included plans for climate resilience which must be integrated into these well-established urban areas. This session will explore how established neighbourhoods can be transformed to become more socially, economically, and climate resilient.

Moderator: Ewa Jackson, Acting Director, ICLEI Canada

- Sustainable Neighbourhood Transformation
[Mark Roseland, Professor, Centre for Sustainable Community Development, Simon Fraser University](#)
- Tower Power: The Untapped Potential of Toronto's Tower Neighbourhoods
[John Brodhead, Executive Director, Evergreen CityWorks](#)
- Shifting Neighbourhoods to Enhance Resilience
[City of Vancouver](#)



Balmoral/Windsor

#ClimateChange: Innovative communication and engagement strategies

As communities are affected by extreme weather events and other impacts of climate change more frequently, it is becoming clear that communication and education mechanisms can no longer be limited to reports, pamphlets, and presentations. Instead, interactive, hands-on outreach is necessary to grab public attention. This session will explore specific examples that have been used, such as social media, mapping, and gamification to engage audiences of all shapes and sizes.

Moderator: Ben Finkelstein, Manager, Green Communities, Climate Action Secretariat, Province of BC

- So Happy Together?
Agriculture and Adaptation
[Angela Danyluk, Senior Environmental Officer, Corporation of Delta](#)
- Social Media and Communities of Practice in Climate Change Planning
[Maged Senbel, Assistant Professor, University of British Columbia](#) and
[Jonathan Frantz, President, Ear to the Ground Planning Inc.](#)
- Talk Green to Us
[Amanda Mitchell, Public Engagement Specialist, City of Vancouver](#)
- Playing Your Way to Climate Resilience
[Holly Vaughan, Adaptation and Resilience Planner, ICLEI Canada](#)

Regency B

Measuring the cost of adaptation and funding it

As municipalities are on the front lines of preparing for and responding to the impacts of climate change, regional, state, and local governments must look to creative sources of funding for adaptation and resilience actions. This session will explore the economic risks of climate change and practical tools and mechanisms – including market based strategies, community design and planning objectives – to measure the costs of adaptation options and fund resilience and adaptation at the local level.

Moderator: Deborah Harford, Executive Director, Adaptation to Climate Change Team, Simon Fraser University

- Financing Climate Adaptation in Copenhagen and the use of Socio Economics and Cost Benefit Analyses
[Jonathan Leonardsen, Consultant, Ramboll, Inc.](#)
- Funding Resilient Cities - Potential for Market Based Strategies
[Daniella Hirschfeld, Managing Director, The Resiliency Place](#)
- Measuring and Funding Adaptation Priorities Through the Existing Business and Decision-making Frameworks
[Sarah Clayton, Senior Economic Analyst, Regional Municipality of Durham](#)

Preparing

Oxford/Prince of Wales

Integrating resilience in small and medium sized urban settings

Small and medium sized communities are equally exposed to the risks of climate change as any large city but face a unique set of challenges and opportunities when integrating resilience and adaptation into local planning processes. This session will explore the use of official community plans, mainstreaming and placemaking strategies, and tourism as mechanisms for creating more resilient economies and communities .

Moderator: Cheeying Ho, Executive Director, Whistler Centre for Sustainability

- Creating Resilient Communities through Sustainable Tourism Planning
[Dr. Nicole Vaugeois, BC Regional Innovation Chair](#)
- Building Sustainable and Resilient Grand Rapids
[Dr. Haris Alibašić, Director, Energy and Sustainability, City of Grand Rapids](#)
- Planning in the Face of Uncertainty on a Shoestring
[Michael Epp, Planner, City of North Vancouver](#)

Preparing

Regency A

Building green and sustainable businesses: Lessons on saving money, energy, and resources

Local businesses in many ways are the engines of community economies and have been largely overlooked when exploring climate change response. This session, combining both presentations and a question/answer period, will explore several programs to make businesses more sustainable by mitigating their greenhouse gas emissions, limiting their use of resources, and reducing their energy use. Examples from across British Columbia and the US will be highlighted throughout the presentations.

Moderator: Rob Abbott, Executive Director, Climate Action Secretariat, Province of British Columbia

- Greening Energy Consumption for Business
[Christine Carter, BC Sales & Marketing Manager, Bullfrog Power](#)
- Harnessing the Power of Business and Data: The Climate Smart Approach For SMEs
[Elizabeth Sheehan, President, Climate Smart](#)
- The Green Business Challenge: Lessons learned on Behaviour Change and Gamification
[Brian Holland, Director Climate Programs, ICLEI USA](#)

Regency A

Initiate, research and plan: Moving through milestones

This two part session will look at the experiences of North American municipalities in moving through the milestones of local adaptation planning. Speakers from four North American communities will highlight their experiences initiating, researching, and planning for climate change locally.

Moderator: Leya Barry, Adaptation and Resilience Project Coordinator, ICLEI Canada

- Developing a Climate Adaptation Strategy through Partnerships
[Curniss McGolderick, EarthCare Communication and Project Coordinator, City of Thunder Bay](#)
- Providing Climate Information for Adaptation
[Trevor Murdock, Lead, Regional Climate Impacts, PCIC](#)
- Reactive to Proactive – Oakville's Response to a Changing Climate
[Trisha Henderson, Environmental Policy Coordinator Town of Oakville](#)
- From Planning to Action in South Florida
[Susanne Torriente, Assistant City Manager, City of Fort Lauderdale](#)
- Adapting to Climate Change on Vancouver's North Shore
[Ben Cross, Research Assistant, City of North Vancouver](#)

Balmoral/Windsor

Responding to natural disasters: Case studies from the field

Communities and organizations of all shapes and sizes are involved in preparedness, response, and recovery efforts from disasters and extreme events. This session will look at case studies from the field from across North America on how communities have responded to and are preparing for natural disasters.

Moderator: Charley Beresford, Executive Director, Columbia Institute

- Extreme Rainfall - Local Actions Building Resilience
[Paul Kovacs, Executive Director, Institute for Catastrophic Loss Reduction](#)
- Preparing for the Big One – Earthquake Preparedness in Vancouver
[Daniel Stevens, Director of Emergency Management, City of Vancouver](#)
- Multiplier Effects in Community Resilience
[Ian O'Donnell, Manager, Research and Urban Solutions, Global Disaster Preparedness Center, American Red Cross](#)

Placemaking

Regency B

Placemaking 101: Putting the 'public' back into public spaces

Placemaking is all about improving neighbourhoods, cities, and regions through community-based participation in the planning, design, and management of public spaces. It is a concept that is growing in popularity, as its merits are being seen around the world. This session will provide an introduction to placemaking through the experiences of several communities throughout Canada and the United States. After presentations, an interactive discussion among the presenters and the audience will be facilitated.

Moderator: Ewa Jackson, Acting Director, ICLEI Canada

- Environment, Economy and Equity: The Emerald Cities Collaborative
[Denise Fairchild, President & CEO, Emerald Cities](#)
- Transferring Community Understanding of Place to New Citizens: The City of Edmonton's Master Naturalist Program
[Grant Pearsell, Director, Urban Parks and Biodiversity, City of Edmonton](#)
- Building Better Streets Through Active Citizenship: Project Case Studies
[Car Martin and Mikey Bennington, Active Neighbourhoods Project Managers, Toronto Centre for Active Transportation](#)

Mainstreaming

Oxford/Prince of Wales

Healthy people, healthy places: Exploring the connection between public health and resilience

A discussion of climate change and resilience cannot be had without the inclusion of the effects on human health, and the adaptive capacity of the communities affected. Heat waves, invasive species, and flooding are just a few of the climate change impacts that are affecting the health of North Americans – especially vulnerable populations. This session will look at the linkages between climate change, resilience, and health from the city level to the national level.

Moderator: Karina Richters, Environmental Coordinator, City of Windsor

- Climate Change and Adaptation Strategies Related to Infectious Diseases
[Manon Fleury, Biostatistician/Epidemiologist, Public Health Agency of Canada](#)
- An Integrated Approach to Resilience: Vancouver's Healthy City Strategy
[Ali Grant, Social Planner, City of Vancouver](#)
- Working with Canadian Communities to Enhance Resiliency to Extreme Heat
[Gregory Richardson, Policy Analyst, Health Canada](#)

Preparing

Balmoral/Windsor

Workshop: Exploring tools for municipal climate response

This hands-on workshop will highlight the variety of tools and support available to local governments to plan for climate change, including the recently released Adaptation Library, the Partners for Climate Protection (PCP) Program, the ClearPath climate action tool, and the Building Adaptive and Resilient Communities Program and Tool.

- Bahareh Toghiani Rizi, Climate and Energy Planner, ICLEI Canada
- Brian Holland, Director, Climate Programs, ICLEI USA
- Holly Vaughan, Adaptation and Resilience Planner, ICLEI Canada
- Leya Barry, Adaptation and Resilience Project Coordinator, ICLEI Canada

Mainstreaming

Regency B

Creating connections: Finding linkages between municipal areas of work

Building a resilient community requires an interdisciplinary approach. In this session, speakers will present their experience with creating connections among municipal departments and community groups to improve resilience. Focusing both on working internally and externally with a broad set of stakeholders the role of personal and professional networks, neighbourhood associations, and other groups will be discussed.

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

- Together for a Sustainable Metropolis
Danielle Lussier, Urbaniste, and Annick Le Floch, Chef de division, Ville de Montréal
- Advancing Resilience in San Francisco and Bay Area Cities
Melanie Nutter, Former Director, San Francisco Department of the Environment, City and County of San Francisco
- Developing a Climate Adaptation Strategy through Partnerships
Curniss McGolderick, EarthCare Communication and Project Coordinator, City of Thunder Bay

4:00 PM - 5:30 PM

Preparing

Oxford/Prince of Wales

From farm to fork: Building resilient local food systems

The objective of this session is to look at how to build resilient local food systems, particularly in the face of a changing climate. The session will also connect to key Forum themes of preparedness, mainstreaming, and placemaking exploring ways to promote vibrant, healthy and inclusive communities. Speakers will touch on topics such as local food production, food security, and urban agriculture.

Moderator: Trisha Henderson, Environmental Policy Coordinator, Town of Oakville

- The New Normal: Traditional Foods in a Changing Climate
[Colleen Hamilton, Planning Associate, EcoPlan International](#)
- Lessons Learned from 10 Years of Food Policy in Vancouver
[Wendy Mendes, Food Policy, Community Services, City of Vancouver](#) and [Zsuzsi Fodor, Coordinator, Westside Food Collaborative and Member of the Vancouver Food Council](#)
- Urban Farmer Field School
[Sara Blenkhorn, SPEC's Program Facilitator, Society Promoting Environmental Conservation](#)

Measuring

Regency A

Measuring progress on climate change adaptation: A Canadian interdisciplinary perspective

Effective measurement helps both to assess whether resources have been adequately allocated and to design better programs, policies, and actions that deliver adaptation benefits to end users. This session will look at the work of the Adaptation Platform's Measuring Progress Working Group and how it is (and will) help to measure the success of Canadian adaptation efforts.

Moderator: Jennifer Ardiel, Policy Analyst, CCIAD, Natural Resources Canada

- Research and Analysis of Monitoring and Evaluation Programs
[Al Douglas, Director, Ontario Centre for Climate Impacts and Adaptation Resources](#)
- Applying Existing Indicators to Measure Progress on Adaptation
[Ewa Jackson, Acting Director, ICLEI Canada](#)
- Learning from the Health and Energy Sector to Measure Progress on Adaptation
[Liza Leclerc, Spécialiste en adaptation aux changements climatiques, Ouranos Inc.](#)
- Using State of the Basin Indicators for Climate Change Adaptation
[Jeff Zukiwsky, Associate, C3](#)

2014 PROGRAM AT A GLANCE

7:45 AM - 8:30 AM	Registration and coffee - Regency C/D
8:30 AM - 9:45 AM	Morning Plenary: The power of provincial, state, and national government efforts to build resilient communities
9:45 AM - 11:15 AM	Concurrent Sessions:
	Moving to alternative energy
	Resilient ecosystems in resilient communities
	Exploring the implementation gap: Lessons on moving from planning to action
	Workshop: Ready, set, go! Using gamification to advance livability and resilience
11:15 AM - 12:45 PM	Concurrent Sessions: (coffee served in session rooms)
	Panel: Stakeholder engagement and climate resilience: Why and how
	Cities for people: Learning from experiments in resilience
	How to deal with stormwater: Sink it, slow it, reuse it, move it
	The road to resilience: Creating weather-resilient transportation
12:45 PM - 1:30 PM	Lunch - Regency C/D
1:30 PM - 5:30 PM	Local Study Tours

City of Vancouver

Food security and access: A look at food production, distribution, and food waste

City of Vancouver

Neighbourhood energy utility and sustainable neighbourhoods

City of Vancouver

Innovative stormwater management and habitat restoration

City of Vancouver

Biodiversity and habitat restoration

City of Vancouver

Evs Please! How to re-charge your region with electric vehicles

City of North Vancouver

Mackay and Mosquito Creek Estuary Restoration

City of Surrey

Exploring vulnerability, sea-level rise, and flood management

Municipality of Delta

Adapting agriculture and infrastructure

8:30 AM – 10:00 PM

The power of provincial, state, and national government efforts to build resilient communities

Building livable and resilient communities requires coordination at all levels of government. This session will explore the role of provincial and national governments in building livable communities and will examine the nexus between these jurisdictional efforts. Representatives from the Province of Ontario, Province of British Columbia, and Government of Canada will give presentations on their efforts to build livable communities and how these enhance local resilience. Panellists will then engage in a discussion on how these efforts can be strengthened to create more livable and resilient cities.

Plenary Speakers:

Nick Xenos, Director, Climate Change Impacts and Adaptation Division, Natural Resources Canada, Government of Canada

Larry Clay, Assistant Deputy Minister, Growth Secretariat, Ministry of Infrastructure, Province of Ontario

Robert Abbott, Executive Director, Climate Action Secretariat, Ministry of Environment, Province of British Columbia

Moderator: Andrea Reimer, Councillor, City of Vancouver



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Regency A

Moving to alternative energy

Communities across North America are embracing alternative energy; seeing that continuing dependence on fossil fuels may be a risky proposition (e.g., long-term availability), are not the best approach for keeping energy expenses within the community (e.g., community economic development), and are not the environmentally-friendly choice. Communities, instead, are becoming more resilient by shifting to more reliable and renewable sources of energy. This session will look at alternative energy (e.g. district and renewable energy) and its role in creating resilient communities.

Moderator: Ted Sheldon, Senior Community Advisor, Climate Action Secretariat, Province of BC

- Edmonton: Transitioning to a Low-Carbon Future
Jim Andrais, Program Manager, City of Edmonton
- Smart Energy Communities: Integrating Alternative Energy and Improving Resilience
Richard Laszlo, Director, Research & Education, Quality Urban Energy Systems of Tomorrow (QUEST)
- Integrating Solar Energy & Local Government Resilience Planning
Stephen Schmidt, California Polytechnic State University
- Surrey's Path to a Low Carbon Future
Anna Mathewson, Sustainability Manager, City of Surrey

Regency E

Resilient ecosystems in resilient communities

This session will highlight local government achievements in the field of biodiversity conservation, and the relationship between healthy natural systems and resilient communities. Speakers will discuss urban biodiversity policy, the restoration and management of natural systems in urban areas, and the role of conservation in building community resilience. They will share their insights on the use of land use policy to advance ecosystem resilience, and on working with landowners and other partners to increase the resilience of natural and human systems.

Moderator: Jenny Fraser, Adaptation Specialist, BC Ministry of Environment

- Building a Green City—Using Biodiversity Policy to Develop a Resilient, Livable City
Chris Manderson, Natural Area Management Lead, City of Calgary
- Salmon-Safe Communities
Amy Greenwood, Assistant Manager, Fraser Basin Council
- Prioritizing Biodiversity Conservation in Land Use Planning in Surrey
Stephen Godwin, Environmental Coordinator, City of Surrey
- Endangered Species and Spaces: Building a Conservation Collaborative Around Land Use and Biodiversity
Pamela Zevit, Program Coordinator, South Coast Conservation Program
- Mission Creek Restoration Initiative: Rebuilding Resilience
Todd Cashin, Manager, Agriculture & Environment Services, City of Kelowna

Mainstreaming

Regency B

Exploring the implementation gap: Lessons on moving from planning to action

Although a plan is a great step towards becoming more resilient, it is through the implementation of actions that a community's adaptive capacity and overall resilience will improve. This is why it is so important to devote sufficient time and resources to the ongoing implementation of any action plan. This session will highlight local best practices from across North America in implementing adaptation, resilience, and sustainability plans.

Moderator: Bahareh Toghiani Rizi,
Climate and Energy Planner, ICLEI
Canada

- Exploring Outcomes of Implementation Through Social Partnerships
Adriane MacDonald, Doctoral Candidate, University of Waterloo
- City of Baltimore Disaster Preparedness Project and Plan (DP3)
Kristin Baja, Climate and Resilience Planner, City of Baltimore
- Dynamic between Corporate and Community Climate Action
Mark Boysen, Sustainability Coordinator, District of Saanich
- Deep Dive Into Sea Level Rise Response Planning
Tamsin Mills, Senior Sustainability Specialist, City of Vancouver
- Implementation of Windsor's Climate Change Adaptation Plan
Karina Richters, Environmental Coordinator, City of Windsor

Mainstreaming

Regency F

Workshop: Ready, set, go! Using gamification to advance livability and resilience

The success of products like Nike+ FuelBand and apps like Farmville, proves that gamification is on the rise. The use of game mechanics in typically non-game contexts to make them more fun and engaging, is a growing trend that is leaving a lasting impression with users. This workshop will explore the use of games to improve stakeholder engagement and motivate action on building climate change resilience. Participants will engage in two distinct games and learn how they can be applied.

- Holly Vaughan, Adaptation and Resilience Planner, ICLEI Canada
- Tom Ewart, Manager, Sustainability and Citizenship, The Co-operators



Balmoral/Windsor

Panel: Stakeholder engagement and climate resilience: Why and how

Engaging different stakeholders in the planning process has become a mantra in urban planning practice. This panel will explore successful stakeholder engagement strategies and will demonstrate how shared learning processes can strengthen climate communications and improve resilience strategies.

Moderator: Brian Holland, Director of Climate Programs, ICLEI USA

- **Stephen Tyler, President, Adaptive Resource Management**
- **Jeff Zukiwsky, Associate, C3**
- **Ellen Pond, Senior Advisor, Pembina Institute**
- **Trevor Murdock, Lead, Regional Climate Impacts, PCIC**

Regency E

Cities for people: Learning from experiments in resilience

In this session, delegates will learn about urban resilience and livability through an interactive session in which participants analyze case study experiments. Cities for People will explore how to support and scale promising innovations through collaboration, exchanges and the sharing of knowledge and learning across Canada and beyond. This session will include dialogue on opportunities to foster the reach and impact of such innovations through an individual's own work and through connecting with Cities for People to co-create better cities.

Facilitators: Jayne Engle-Warnick, Cities for People and Vanessa Timmer, One Earth

- **Participatory Budgeting where Citizens Have an Increased Say**
Mark Anto, Program Coordinator, Centre d'écologie urbaine de Montréal
- **Industrial Symbiosis in which Industries Create Relationships**
Tracy Casavant, Executive Director, Light House Sustainable Building Center
- **Arts-based Practice and its Transformative Role in Cities**
Shawn Van Sluys, Executive Director, Musagetes Foundation
- **New Models of Engaging Citizens and Policymakers Around Urban Infrastructure**
Janice Astbury, Coordinator, Cities for People

Preparing

Regency A

How to deal with stormwater: Sink it, slow it, reuse it, move it

The practice of managing stormwater has continued to evolve as the science of watershed management and understanding of watersheds grows. Effective management of is critical to the continued health of streams, rivers, lakes, fisheries and terrestrial habitats. This session will look at how four strategies (sinking, slowing, reusing, and moving) can be used to deal with stormwater.

Experiences from the Credit Valley Conservation, Institute for Catastrophic Loss Reduction, and the City of Surrey will be shared. Many free and widely available resources on low impact development and stormwater management will be presented to participants.

Moderator: Kathy Edwards, Engineering Technologist, City of Fredericton

- Preserving Environments Through Integrated Stormwater Management
[Carrie Baron, Drainage and Environment Manager, City of Surrey](#)
- Lessons from a Watershed Perspective: The Need for Change
[Christine Zimmer, Senior Manager, Protection and Restoration, Credit Valley Conservation](#)
- Urban Flooding and Homes in Canada
[Dan Sandink, Manager, Resilient Communities and Research, Institute for Catastrophic Loss Reduction](#)

Preparing

Oxford/Prince of Wales

The road to resilience: Creating weather-resilient transportation systems

The impacts of climate change have been known to bring bustling metropolises to a stand-still, strand drivers on the freeway, and even make pedestrian travel treacherous. Flooding, extreme heat, and ice storms are just a few of the obstacles that can stop us getting from Point A to Point B, but various organizations and levels of government are looking at how transportation systems can be weather-proofed and diversified to prepare for the impacts of climate change.

Moderator: Nancy Hackett, Environmental Initiatives Supervisor, City of Red Deer

- Charting a Course to a Resilient National Transportation System
[Kathy Palko, Policy Advisor, Transportation Canada](#)
- Climate Change and Engineering Adaptation for BC Transportation Projects
[Dirk Nyland, Chief Engineer, British Columbia Ministry of Transportation](#)
- Climate Change Adaptation at Toronto's Pearson Airport
[Derek Gray, Manager, Environmental Services, Greater Toronto Airports Authority \(GTAA\)](#)

STUDY TOURS

Each study tour will depart from the Hyatt Regency promptly at 1:30 PM. Please meet your group at the specified meeting point no later than 1:15pm. A light snack will be provided on each tour.

City of Vancouver - Food Security and Access: A Look at Food Production, Distribution, and Food Waste

This study tour will focus on food accessibility and procurement, urban agriculture, and waste management in Vancouver. The main goal is to show participants how access to food and urban agriculture is being encouraged in the City. The tour will take delegates to local urban agriculture production at Sole Food Farms; a food incubator operation that promotes both learning and access to food in the downtown eastside at Save-on-Meats; and finally a trip to the Strathcona Business Improvement Association Green Zone in the False Creek Flats where food waste from businesses are composted on site.

Meeting point: Regency C/D

City of Vancouver - Neighbourhood Energy Utility and Sustainable Neighbourhoods

This study tour will highlight sustainable design, buildings, district energy, and social cohesion. The tour will explore Southeast False Creek (SEFC), a mixed-use community in Vancouver that features efficient energy solutions, high performance green buildings, and easy transit access. The tour will also visit the SEFC Neighbourhood Energy Utility. The Neighbourhood Energy Utility (NEU) provides heat and hot water to the new Southeast False Creek community, including the Olympic Village. As the city's first renewable district heating system, it launches a program to reduce greenhouse gas emissions by replacing fossil fuels with renewable energy sources.

Meeting point: Regency B

City of Vancouver - Innovative Stormwater Management and Habitat Restoration

This study tour will show participants innovative examples of stormwater management projects that have helped lower crime and create social cohesion. Delegates will discover infiltrating curb rain gardens at Tupper Greenway and will travel to the St. George Street project which uses rainwater runoff from the street and connecting laneways to recreate a lost stream. The tour will also visit Hasintings Pond and Creekway Park, which was transformed from a parking lot into a ecologically diverse creekside landscape.

Meeting point: Regency E

City of Vancouver - Biodiversity and Habitat Restoration

This study tour will focus on habitat restoration and biodiversity. Issues around integrated stormwater management, country lanes, habitat restoration and social cohesion will be discussed. The tour will take delegates to the restored Jericho shoreline, a historic beach that once housed a Royal Canadian Air Force station from 1921-1945. Delegates will also travel to Southeast False Creek Habitat Island, an urban sanctuary along the Southeast False Creek.

Meeting point: Regency F

City of Vancouver - EVs Please! How to Re-Charge your Region with Electric Vehicles

Participants will ride in a convoy of electric vehicles (EVs) to sites around Vancouver to experience the vehicles and supporting infrastructure in action. They will meet the diverse individuals, businesses and organizations leading the deployment and mainstreaming of electric vehicle charging infrastructure in the region and province. Participants will learn how to engage and target businesses and locations within a city/region for EV charge stations; the business case for EVs and EV charging stations from the perspective of municipal fleet managers, private business owners, and citizens; how to facilitate the installation of EV charging stations into new and existing multi-unit residential buildings governed by strata corporations; and, key lessons learned over the past three years as Vancouver and the region have worked to get stations in the ground.

Meeting point: Regency A

City of North Vancouver – Mackay and Mosquito Creek Estuary Restoration

This study tour will take participants to innovative estuary restoration projects located in the urban North Vancouver environment. Rooted in creative partnerships, these projects will highlight the reconstruction of pocket estuaries with degraded fish and wildlife habitat, including: the removal of tidal barriers to fish passage, complexing of the intertidal estuary areas, invasive plant management, riparian and intertidal re-vegetation, and installation of nesting platforms and bat boxes.

Meeting point: Oxford/Prince of Wales

City of Surrey - Exploring Vulnerability, Sea-level Rise, and Flood Management

This study tour will focus on sea level rise, flood management, and infrastructure in the City of Surrey. Delegates will visit the Scott Road Skytrain Station and the Brownsville Bar Park to highlight some of the vulnerabilities of local infrastructure as well as the jurisdictional challenges involved in flood management initiatives. The tour will then visit the Honey Bee Centre to illustrate river system dynamics and agricultural vulnerabilities. Delegates will also have the opportunity to discuss ocean and river interactions as well as some of the challenges involved when working with vulnerable neighbourhoods and accommodating sea-level rise in communities.

Meeting point: Balmoral/Windsor

Municipality of Delta - Adapting Agriculture and Infrastructure

This study tour will focus on adapting agriculture, dikes, and drainage infrastructure to the impacts of climate change, e.g. sea level rise, creeping salt wedge, and extreme precipitation events. The main goal of the tour is to show participants how the impacts of climate change may be mitigated in the context of farm operations, invasive plant management, and large diking and drainage infrastructure.

Meeting point: Queen Charlotte

DAY 3

2014 PROGRAM AT A GLANCE

8:00 AM - 9:00 AM	Hot buffet breakfast - Regency C/D
9:00 AM - 10:00 AM	Morning Plenary: The new normal? Exploring insurance risk and legal liability in a changing climate
10:00 AM - 11:00 AM	Concurrent Sessions:
	Workshop: Practical actions on climate resilience
	Panel: Cooperating with nature: Stories from the field
	Sustainable consumption and urbanism: Building neighbourhood cohesion and resilience
	Workshop: Coastal cities at risk: Building adaptive capacity for managing climate change in coastal megacities (2 hours)
	Workshop: The psychology of place
	Visualizing resilience: Using mapping tools to plan for climate change
11:00 AM - 12:00 PM	Concurrent Sessions:
	Weatherproofing the electricity sector: Lessons from the WeatherWise partnership and beyond
	The role of large institutions in placemaking, city building, and resilience
	MC3: Meeting the climate change challenge
	Creating an Intensity-Duration-Frequency (IDF) tool for Canadian cities
12:00 PM - 1:15 PM	Closing Luncheon and Games



9:00 AM – 10:00 AM

The new normal? Exploring insurance risk and legal liability in a changing climate

Weather events like Superstorm Sandy and other multi-billion dollar weather-related natural disasters such as the floods in Alberta and Toronto, are significant events that impact cities, towns, and regions in many ways: by putting residents in danger, by dedicating staff time and resources to emergency management and cleanup, by disrupting economies, and by forcing limited funds to be spent. With more of them coming as the climate changes at a rapid pace, it behooves local governments to look at the potential insurance risks and legal liabilities associated with a changing climate. This session will explore these issues and help decision-makers to decide how best to prepare and adapt so their towns and cities remain livable, resilient places.

Plenary Speakers:

Dr. Blair Feltmate, Associate Professor, Faculty of Environment, University of Waterloo

Paul Kovacs, Executive Director, Institute for Catastrophic Loss Reduction

Patricia Koval, Partner, Torys LLP

Moderated By: Michael Schmitz, Executive Director, ICLEI USA

12:00 PM - 1:15 PM

Closing Luncheon and Games

Join us to wrap up of the Forum at the closing luncheon!

Enjoy a locally themed sit-down lunch and take part in our livability & resilience trivia challenge for a chance to win great prizes, including: gift cards, electronics, and more! Don't forget to take part in the raffle prize throughout the Forum to be drawn at the closing luncheon.

Preparing

Regency A

Workshop: Practical actions on climate resilience

This hands-on workshop will explain the range of actions within the authority of local governments that can be used to prepare for climate change, from land-use planning, to asset management, risk management, and local by-laws. The panel will introduce an award-winning climate adaptation guide book prepared for local governments in BC, and share a practical Framework for Climate Resilience that will help local governments identify resilience building actions.

Moderator: Jenny Fraser, Adaptation Specialist, BC Ministry of Environment

- Stephen Tyler, President, Adaptive Resource Management Ltd
- Cathy LeBlanc, Intergovernmental Relations and Planning Branch, B.C. Ministry of Community, Sport, and Cultural Development
- Deborah Carlson, Staff Counsel, West Coast Environmental Law

Mainstreaming

Regency F

Panel: Cooperating with nature: Stories from the field

This panel will explore best practices in managing natural hazard risk for sustainable communities. Through innovative examples of risk assessment and risk management from Vancouver and the surrounding region (Vancouver, District of North Vancouver, Squamish), the panel will explore how traditional means of managing natural hazard risks can be adapted in a changing climate to bolster the resilience of communities of varying sizes and stages of growth.

Moderator: Jessica Shoubridge, Planner and Convenor

- Tamsin Mills, Senior Sustainability Specialist, City of Vancouver
- Fiona Dercole, Manager of Public Safety, District of North Vancouver
- Dr. Murray Journeay, Research Scientist, Public Safety Geoscience, Natural Resources Canada

10:00 AM - 11:00 AM

Placemaking

Regency B

Sustainable consumption and urbanism: Building neighbourhood cohesion and resilience

The session will focus on the City of Vancouver and the City of Eugene's experiences with creating neighbourhood cohesion, community identity, and local level resilience. Speakers will highlight sustainable urbanism practices in Southeast False Creek and the co-benefits of sustainable and collaborative consumption at the neighbourhood and community

Moderator: Leya Barry, Adaptation and Resilience Project Coordinator, ICLEI Canada

- Practicing Sustainable Urbanism - Southeast False Creek, Vancouver Canada
Scot Hein, Senior Urban Designer, City of Vancouver
- Sustainable Consumption: Sharing, Borrowing and Reusing Our Way to More Collaborative Communities
Babe O'Sullivan, Sustainability Liaison, City of Eugene

Preparing

Oxford/Prince of Wales

Workshop: Coastal cities at risk: Building adaptive capacity for managing climate change in coastal megacities (2-hours)

Adaptation to climate change impacts everything from health to water supply to ecosystems. International collaboration with cities that are advancing their planning will help to address these and other challenges presented by climate change. This 2-hour workshop will highlight the Coastal Cities at Risk: Building Adaptive Capacity for Managing Climate Change in Coastal Megacities study, which has brought together researchers from four locations around the globe, including Manila, Lagos, Vancouver and Bangkok. The session will also look at the City Resilience Simulator (CRS) which captures the spatial and temporal dynamics of disaster resilience and simulates the impacts of climate hazards on city

- Angela Peck, PhD Candidate, Western University
- Deborah Harford, Executive Director, Adaptation to Climate Change Team, Simon Fraser University

Balmoral/Windsor

Workshop: The psychology of place

Local governments are working to identify probable impacts, to assess key vulnerabilities, and to develop strategies that increase urban resilience. However, as we build resilience into our urban fabric, it is important to recognize that tangible vulnerabilities are often underpinned by an intangible system of attitudes, values, and cultural traditions that are rooted in place. Drawing on the psychology of place, this session will critically examine the benefits of place-based adaptation planning. Case studies of Thunder Bay and Churchill will be explored.

- **Mark Groulx, PhD**
Candidate, University of Waterloo

Regency E

Visualizing resilience: Using mapping tools to plan for climate change

Mapping is often considered an integral component of planning for climate change. Maps help planners and community members visualize impacts such as sea level rise, identify vulnerabilities, and locate helpful resources including adaptation mechanisms such as cooling or warming centres. This session will look at different mapping tools that have been developed across Canada that engage communities in adaptation and resilience planning.

Moderator: Elisabeth Arnold,
Principle, Sustainable Development Consulting

- Investigating Climate Change-Caused Health Risk: City of Metro Vancouver Case study
Amin M. Owrangi, PhD
Candidate, Department of Civil Engineering, University of Western Ontario
- Hamilton's Climate Change Map
Brian Montgomery, Air Quality and Climate Change Coordinator, City of Hamilton
- Resilience of Urban Communities to Heat Waves - The Case of Vancouver
Mehdi Aminipouri, PhD
Candidate, Simon Fraser University

Preparing

Regency B

Weatherproofing the electricity sector: Lessons from the WeatherWise partnership and beyond

The session will involve members of the WeatherWise Partnership in presentations and discussions that explore ways to fortify the electricity sector, and discuss ways to better protect existing distribution networks. The session will be rounded out with a presentation on two current projects being carried out by QUEST to assess the resiliency of the energy sector more broadly across Canada; QUEST is currently exploring the use of smart energy in Canadian communities facing increasingly extreme weather.

Moderator: Bahareh Toghiani Rizi, Climate & Energy Planner, ICLEI Canada

- The Need to Factor Extreme Weather Adaptation into New Build in the Canadian Electricity Sector
Dr. Blair Feltmate, University of Waterloo, Co-Chair, Weather Wise Partnership
- Extreme Weather - Another Pressure on Toronto's Grid
Joyce McLean, Director, Strategic Issues, Office of the President, Toronto Hydro Corporation
- Smart Energy Communities: Resilient Pipes & Wires
Richard Laszlo, Director, Research & Education, Quality Urban Energy Systems of Tomorrow (QUEST)

Placemaking

Regency E

The role of large institutions in placemaking, city building, and resilience

Developing creative solutions and facilitating meaningful dialogue are crucial in the creation of resilient communities. This session will explore the role of universities and public health authorities driving community level resilience and placemaking.

Moderator: Heather English, Senior Policy Analyst, BC Public Service

- Climate Change Resilience for Health Care
Deanna Fourt, Provincial Environmental Technical Team for British Columbia Health Authorities
- Working Together: Public, Private, and Educational Institution Collaboration in Cambridge, MA
Iram Farooq, Acting Deputy Director for Community Development, City of Cambridge

11:00 AM - 12:00 PM

Preparing

Regency A

MC3: Meeting the climate change challenge

The MC3 project brings together researchers, practitioners and policy-makers from non-governmental organizations, provincial ministries, and three of BC's universities to research climate action in the province of British Columbia. MC3 has identified emerging best practices and innovations in community climate change responses, and has developed strategies to share policy innovations, facilitate peer-to-peer learning exchanges, and stimulate the widespread knowledge mobilization needed to move communities beyond the changes required by current legislation and policies. This session will showcase the work of the MC3 project and the research teams lessons learned through an interactive dialogue and panel discussion.

Moderator: Ann Dale, Canadian Research Chair in Sustainable Community Development, Royal Roads University

- John Robinson, Associate Provost, University of British Columbia
- Leslie King, Director, Canadian Centre for Environmental Education, Royal Roads University

Measuring

Regency F

Creating an Intensity-Duration-Frequency (IDF) tool for Canadian cities

The use of IDF curve data is an essential component of the municipal climate change adaptation toolkit. However, the frequent updating of these curves is laborious and most municipalities lack the necessary expertise to implement these updates. This session will showcase a new computerized IDF update tool being developed by Western University to help municipalities capture precipitation changes caused by climate change.

Moderator: Dan Sandink, Manager, Resilient Communities & Research, Institute for Catastrophic Loss Reduction

- Dr. Roshan Srivastav, Postdoctoral Fellow, University of Western Ontario
- Dr. Andre Schardon, Postdoctoral Fellow, Western University

Parallel Events

Tuesday, April 1st

Infrastructure Climate Risk Assessment Using the PIEVC Protocol

Presented by Engineers Canada and ICLEI, this one day workshop will provide municipal staff and infrastructure practitioners with information about, and practice with, a practical tool and process that systematically assesses the risks of current and future climate on public infrastructure that is owned, operated and/or regulated by any level of government.

Location: Prince of Wales, Hyatt Regency Vancouver

Friday, April 4th

Climate Change Adaptation World Café

The National Adaptation Working Group – which is made up of ICLEI, the Federation of Canadian Municipalities, Engineers Canada, the Canadian Institute of Planners, and the Institute for Catastrophic Loss Reduction – is holding a Climate Change Adaptation World Café in conjunction with the Livable Cities Forum. The workshop will identify provide an opportunity for local professionals, including municipal engineers, planners, emergency managers and sustainability professionals, to discuss major climate change adaptation challenges and how they can increase application of tools and concepts in their work..

Location: Oxford, Hyatt Regency Vancouver

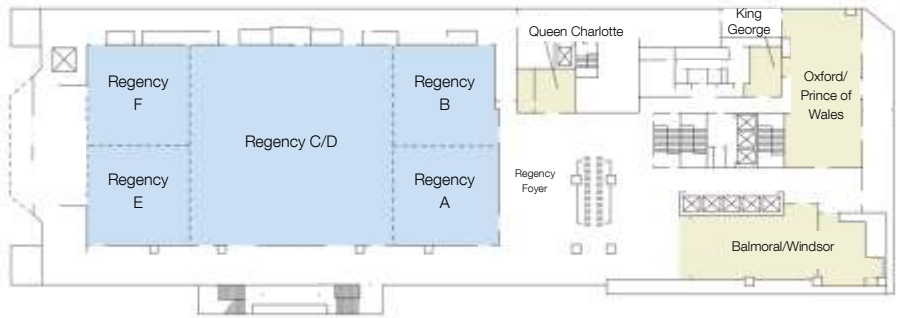
Food for Thought: Growing Local Economies, Strengthening Local Leadership

This year's Progressive Civic Governance Forum is happening April 4th to 5th, 2014 in the Coast Plaza Hotel in downtown Vancouver, BC, on the theme of *Growing Local Economies, Strengthening Local Leadership*. Conference highlights include a look at indigenous food sovereignty, nature deficit and nature schools, climate change and food, poverty and access to food, fossil fuel divestment, and sanctuary cities..

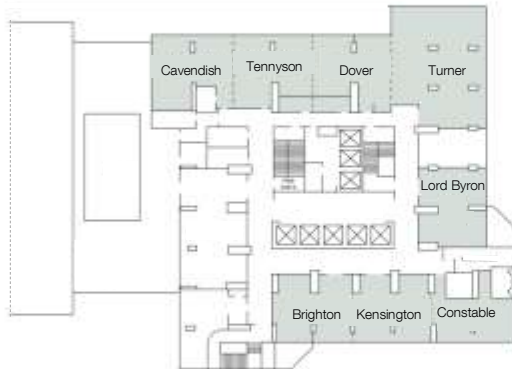
Location: Coast Plaza Hotel, downtown Vancouver



CONVENTION LEVEL (THIRD FLOOR)



FOURTH FLOOR



PERSPECTIVES LEVEL (34th FLOOR)

