

C4 2018

CatIQ's Canadian Catastrophe Conference

January 31 - February 2

Hilton Lac-Leamy, Gatineau-Ottawa, QC

*Bringing Together Industry, Academia and Government
to Discuss Canadian Natural and Man-Made Catastrophes*

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Questions? Please contact Becky Sheffman at (416)368-0777 x28 or becky.sheffman@catiq.com

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Rebecca Wagner

Associate Director, Prediction Services Operations - Central
Region, Meteorological Service of Canada,
Environment and Climate Change Canada

Kyle Winston

Co-founder & President, CRU Group Inc.

About C4

It is no question that the frequency and severity of natural and man-made catastrophes in Canada has been on the rise. Annual insured losses in Canada of over \$1 billion dollars are becoming the norm. These catastrophic events, which directly impact the Canadian public, require industry, academia and all levels of government to work together before, during and afterwards. With such a great need to build collaboration and resilience, Catastrophe Indices and Quantification Inc. (CatIQ) has worked to organize a conference to address Canadian Catastrophes.

CatIQ's Canadian Catastrophe Conference (C4) is a content-driven forum to foster collaboration before, during and after catastrophic events. This conference will provide an overview of catastrophes, discuss strategies in catastrophe management and explore sector perspectives. Overall themes will focus on preparedness and resiliency, available tools, and impacted stakeholders and policy makers working together for the greater good of all Canadians.

Who Should Attend

C4 is built to find common ground and foster cross-section collaboration between the following:

- ✓ Insurance/Reinsurance Professionals
- ✓ All Levels of Government
- ✓ Academia/Researchers
- ✓ Risk Managers
- ✓ Other sectors/organizations dealing with resilience from catastrophes



@CatIQ_Inc
#C42018

Canadian Disaster Mitigation Interactive Workshop

Come for the workshop, stay for the conference!

Developed in partnership with Public Safety Canada



Public Safety
Canada

Sécurité publique
Canada

Canada

The development of an Emergency Management Strategy for Canada requires collaboration from all levels of government, business, non-government organizations, and academia. The workshop will be conducted where invited stakeholders provide their perspective. Subsequently, valuable input will be gathered from participants of the C4 Conference.

The outcome of the workshop would be two-fold:

- Participants would gain a better understanding of the state of disaster prevention, mitigation and risk reduction in Canada, as shared by a panel of knowledgeable speakers, and through sharing ideas at smaller breakout tables. In addition to gaining knowledge, they would also be able to share their input, thoughts and ideas to inform policy decisions made by Public Safety Canada.
- Public Safety Canada will be able to use the outcome of this workshop to inform policy decisions, helping to advance an Emergency Management Strategy for Canada, and use the wealth of knowledge collected by the over 250+ attendees of C4 2018. Additionally, a summary of outcomes from the discussions will also help inform planning and strategy decisions by other stakeholders in industry, NGO's and other levels of government. Furthermore, the workshop will enable collaborative opportunities between stakeholders.

Registration Opens 12:00pm
(will remain open for the duration of the conference)

Workshop Part One 1:00 - 2:30pm

Networking Break 2:30 - 3:00pm *sponsored by Munich Re*

Workshop Part Two 3:00 - 4:30pm

Opening Cocktail Reception 5:00 - 7:00pm *sponsored by Aon Benfield*

Moderated By:



Jim Abraham
Director,
Canadian Climate Forum
and C4 2018 Emcee



Deirdre Laframboise
Executive Director,
Canadian Climate Forum

Contributors Include:

Stephanie Durand
*Director General, Policy and Outreach
Directorate, Public Safety Canada*

**Assembly of First Nations
Representative**

Alex Kaplan
*Head, North America & Senior Vice
President, Global Partnerships, Swiss Re
(Invited)*

**Federation of Canadian
Municipalities Representative
(Invited)**





Breakfast 7:45 - 8:45am

Welcome and Acknowledgements & Intro Address 8:45 - 9:00am



Jim Abraham
Director, Canadian Climate Forum *and*
C4 2018 Emcee



Laura Twidle
Director of Catastrophic Loss Analysis,
CatIQ Inc.

CatIQ's 2017 CATs in Review 9:00 - 9:15am



Laura Twidle
Director of Catastrophic Loss Analysis, CatIQ

The conference will begin with an overview of natural and man-made catastrophes that occurred in 2017. This comprehensive review will include a chronology of events, geographic footprints of impacted areas, related media and insured loss estimates provided by CatIQ.

Flood Risk Management All Over the Map: Bringing Some Cohesion 9:15 - 10:15am

Moderator:



David McGown
SVP, Strategic
Initiatives,
IBC

Panelists:



Alain Thibault
Chairman,
President & CEO,
CADRI



Bonnie Crombie
Mayor of Mississauga



**Honourable
Rosa Galvez**
The Senate of Canada

The severe weather consequences of climate change affect every Canadian and every level of government. Some focus on mitigation; others on adaptation. Bringing municipal and insurance leaders together, this panel will explore the challenges facing municipalities in planning and funding large scale infrastructure investments, and how the insurance industry could respond.

Networking Break 10:15 - 10:45am

Sponsored by Swiss Re

Public Communication in Times of Crisis 10:45-11:45am

Moderator:



Shawna Peddle
Director,
Partners for Action,
University of Waterloo

Panelists:



Janice Babineau
Community Manager,
Canadian
Red Cross



Jeff Rohrer
Director of
Communications
and Events,
IBC



Jennifer Spinney
PhD Candidate,
University of
Western Ontario



Stéphanie Durand
Director General,
Policy and Outreach
Directorate,
Public Safety Canada

The impacts of natural disasters are personal, and often overwhelming to homeowners and communities. These impacts can be lessened by actions taken before, during, and after an event. We cannot assume that providing information alone will automatically result in personal preparedness. So how can we effectively communicate risk to drive action? Join our panel of communicators to discuss how to engage and motivate communities to prepare, react, and recover from extreme weather events.



Maryam Golnaraghi

*Director of Extreme Events & Climate Risks
Program, Geneva Association*

Lunch and Presentation 11:45am-1:15pm

Sponsored by CRU Group

**Addressing the Climate Change Challenge:
What Does It Mean for the Insurance Industry, As Underwriters
and Institutional Investors?**

Democratizing and Improving CAT and Hazard Models 1:15 - 2:15pm

Moderator:



Dr. Blair Feltmate
Head, Intact Centre
Climate Adaptation,
University of Waterloo

Panelists:



Elliott Cappell
Chief Resilience Officer,
City of Toronto



Guillermo Franco
Managing Director & Global
Head of CAT Risk Research,
Guy Carpenter



Dickie Whitaker
Chief Executive, on
Oasis Loss Modelling
Framework

As a prerequisite to adapting to climate change, extreme weather events (e.g. flood, drought, heat, hail, wind, etc.) and over-taxed and aging infrastructure, CAT and Hazard models must be updated and made broadly available. In the absence of contemporized models, adaptation will be based on a combination of outdated profiles and guesswork, neither option of which will lead to a well-functioning end state. Accordingly, time is not a luxury regarding the need for improved and available CAT and Hazard models, as will be profiled in the session.

Networking Break 2:15 - 2:45pm

Sponsored by RMS

Lessons Learned from Emergency Management Plans 2:45 - 3:45pm

Moderator:



Paul Kovacs
Executive Director,
ICLR

Panelists:



Matthew Godsoe
Manager, Research Unit,
Public Safety Canada



Mike LeBlanc
Regional Emergency
Management Coordinator,
New Brunswick EMO



Louise Bradette
Chief Resilience Officer,
City of Montreal

This session will explore the role of local, provincial, and federal officials in disaster management in Canada. We will discuss actions taken to assess and understand hazards, clarify roles and responsibilities for stakeholders, invest in risk reduction, and plans to 'build back better' after a disaster.

Building Back Better 3:45 - 4:45pm

Moderator:



Heather Auld
Principal Climate
Scientist,
RSI Inc.

Panelists:



Marianne Armstrong
Research Council Officer,
Construction, National
Research Council Canada (NCR)



Glenn McGillivray
Managing Director,
ICLR



Emily Stock
Insurance Litigation Lawyer,
Monaghan Reain
Lui Taylor LLP

When a natural disaster strikes a community, it tests the resiliency of the system. So far in 2017, we have seen catastrophic flooding occur right in our backyards, which has led to hundreds of millions in insured and economic losses. To prepare for the changing climate and future events, we need to be ready ahead of time to build back better in order to mitigate risks and impacts in the longer term.

Student Delegate Presentations 4:45 - 5:00pm

Cocktail Reception 6:30 - 7:30pm

Dinner 7:30pm

Sponsored by IBC





Breakfast 8:00 - 9:00am

Coping With Canada’s Hottest Peril - Wildfire 9:00 - 10:00am

Moderator:



Paul Cutbush
SVP, Catastrophe
Management,
Aon Benfield

Panelists:



Patrick Barbeau
SVP, Claims,
Intact Financial
Corporation



Dr. Steve Gwynne
Senior Research Officer,
National Research Council



Kyle Winston
Co-founder & President,
CRU Group Inc.

The 2016 and 2017 wildfire seasons have pushed Canada’s insurers, emergency managers and claims adjusters to the extreme when dealing with the sheer number and extent of new challenges. This session attempts to delve into lessons learned over the last two years, with a focus on saving lives and property.

This panel will include points of view from three Canadian professionals intimately involved with the recent wildfire activity:

1. a catastrophe claims adjuster viewpoint;
2. a perspective on the growing science of wildfire prediction and evacuation modeling;
3. an insurer’s experience on how dealing with wildfires is changing rapidly.

Networking Break 10:00 - 10:30am

Sponsored by Guy Carpenter

Ensuring the Viability of the Alberta Property Insurance Market 10:30 - 11:30am

Moderator:



Sean Russell
Managing
Director,
Guy Carpenter

Panelists:



Joseph El-Sayegh
President & CEO,
SCOR Canada
Reinsurance



Alan Frith
Senior Manager,
Consulting and
Client Services,



Shane Schreiber
Managing Director,
Alberta Emergency
Management Agency
AIR Worldwide



Keith Hartry
SVP & COO,
Wawanesa Mutual
Insurance Company

Hail, Flood, Fire, what is next for Alberta? How can we ensure there are viable and affordable insurance products in Alberta in light of recent catastrophic events? How are government, insurance companies and reinsurance companies adapting to these catastrophic events and what can be done to curb the trend?

East vs. West - Understanding the Macro-Economic Impacts of Earthquakes 11:30am - 12:30pm

Moderator:



Craig Stewart
Vice President,
Federal Affairs,
IBC

Panelists:



Pedro Antunes
Deputy Chief Economist,
The Conference Board
of Canada



Balz Grollmund
Head Treaty Underwriting,
Canada & English Caribbean,
Swiss Re



Justin Moresco
Senior Product Manager,
Model Product Management
RMS

Montreal and the Next Big Quake; when Canadians think of earthquake risk, they invariably think of Canada's west coast. However an equally devastating scenario is plausible in the St Lawrence corridor. Join seismic experts and economists to learn about the risk to Quebec's largest city, the implications and what is being done to prepare.

Networking Lunch 12:30-2:15pm

Conference Wrap-Up 2:15pm

What delegates had to say about C4 2017

C4 2017 was amazing, perfect start to the session with Chief Darby. All the sessions were really great quality. I also loved the workshop.

Cyndi Seifried

Director, Innovation and Program Director, Flood Initiative at The Co-operators

I can attest to the high quality of the C4 conference events. I particularly appreciate the opportunity to interact with government officials and academics alongside senior members of the insurance/reinsurance industries. I very much look forward to C4 2018 in Gatineau.

Louis Durocher

Chief Risk Officer, Aviva Canada Inc.

I appreciated the opportunity to attend CatIQ's Canadian Catastrophe Conference in February of 2017 and present on the science of forecasting freezing rain in relation to the December 2013 Ice Storm in Southern Ontario. I attended several other worthwhile sessions at the C4 and had the ability to network with colleagues from various levels of government, academia and the insurance industry.

Geoff Coulson

*Warning Preparedness Meteorologist, Meteorological Service of Canada,
Environment and Climate Change Canada / Government of Canada*

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Hilton Lac-Leamy, Gatineau-Ottawa, QC

REGISTER ONLINE
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Save an additional
\$100 per delegate by
registering 3 or more!

Registration fees include access to all sessions,
the cocktail receptions, meals and the workshop.

Individual rate \$1099.00

Group rate (3 or more)* \$999.00

Government and Academic rates available

All prices are in Canadian dollars, plus applicable taxes.

**Group rate cannot be used in conjunction with other discounts*

*Cancellation Policy: Cancellation fee of C\$ 125+HST applies per delegate,
no refunds after Dec 31, 2018. Substitutions allowed at any time.*

Bring your expertise!

Come for the workshop, stay for the conference

Questions? Please contact Becky Sheffman at (416)368-0777 x28 or becky.sheffman@catiq.com

For more information please visit our website: www.catiq.com/c4