

# WINDOW ON OTTAWA



June 4 - 6, 2017

Albert at Bay Suites Hotel  
Ottawa, ON



National Workshop:  
Strategic Visioning of Urban Water Management  
Where Canada will be in 2050?

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## WORKSHOP PARTNERS

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happens here

Une année de festivités  
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# WELCOME

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This year's **"WINDOW on Ottawa"** offers an excellent technical program and opportunity to connect with utility managers and government decision makers.

This Event is frequently cited by our members as one of the most valuable Conferences they attend each year. This is not only because of the high quality of the technical program but also because it's a fantastic place to meet and network with your peers across the country.

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THE COMPLETE WATER MAGAZINE

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**National Workshop: Strategic  
Visioning of Urban Water  
Management. Where will Canada  
be in 2050?**

**Sunday, June 4**

<b>Time</b>	<b>Topics</b>	<b>Speakers</b>
8:00	Registration/Meet & Greet Continental Breakfast	
8:30	Welcome and Opening Remarks  Nancy Kodousek – CWWA President  David Chernushenko – Councillor for Capital Ward, City of Ottawa  Francis Scarpaleggia – Liberal MP for Lac-Saint-Louis	
Key Messages		
9:10	Water and Cities – A Framework for City-Level Water Management (Financing, Innovation, Urban- Rural Interface, and Governance)  Xavier Leflaive, The Organisation for Economic Co- operation and Development (OECD)	
10:00	Coffee Break	
Strategic Visioning Exercise – Gaps and Challenges		

Moderated by Hiran Sandanayake, P.Eng.,  
City of Ottawa Asset Management, CWWA  
National Committee on Climate Change

10:20	<p>Introduction to Strategic Visioning</p> <p>Anthony Masys, DRDC</p>
10:30	<p>Water Related Challenges Facing Cities in OECD Countries Now and in the Future</p> <p>Xavier Leflaive, The Organisation for Economic Co-operation and Development (OECD)</p>
10:40	<p>Group work on Gaps and Challenges in Urban Water Management in Canada</p>
11:00	<p>Work of the Canadian Council of Ministers of the Environment on Water Management</p> <p>Marc D'Iorio, Director General, Industrial Sectors, Chemicals, and Waste Directorate – Environmental Protection Branch, Environment and Climate Change Canada</p>
11:10	<p>Group work on Gaps and Challenges in Urban Water Management in Canada (Cont'd)</p>

11:30	<p>Rebuilding Canada for the 21<sup>st</sup> Century and Federal Government's Role in Green Infrastructure Funding</p> <p>David MacDonald, Acting Director, Infrastructure Canada</p>
11:50	<p>Group work on Gaps and Challenges in Urban Water Management in Canada (Cont'd)</p>
12:00	<p>Emergency Management Strategy</p> <p>Ryan Hunt, Public Safety Canada</p>
12:10	<p>Group work on Gaps and Challenges in Urban Water Management in Canada (Cont'd)</p>
12:30	<p>Lunch and Final Touches on "Gaps and Challenges" Slides</p>
<p align="center"><b>Strategic Visioning Exercise – Vision for Urban Water Management in next 25 and 50 years</b></p> <p>Moderated by Dianne Saxe, Environmental Commissioner of Ontario</p>	
1:30	<p>Group Presentations on Current Gaps and Challenges in Urban Water Management in Canada</p>



2:00	Strategic Visioning Anthony Masys, DRDC
2:10	Group work on Vision for Urban Water Management in the next 25 and 50 years
2:30	Resilience and Systems Thinking Anthony Masys, DRDC
2:40	Group work on Vision for Urban Water Management (Cont'd)
3:00	Coffee Break
3:30	Scenario Planning Anthony Masys, DRDC
3:40	Group work on Vision for Urban Water Management (Cont'd)
4:00	Group Presentations on Vision for Urban Water Management
4:30	<b>Wrap Up - Facilitated Group Discussion</b>
	Hiran Sandanayake, City of Ottawa Asset Management, CWWA National Committee on Climate Change Anthony Masys, DRDC

	Dianne Saxe, Environmental Commissioner of Ontario
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# Window on Ottawa

Monday, June 5 – Day 1

7:30

Registration & Breakfast



8:30

**Welcome and Opening Remarks**

Nancy Kodousek – CWWA President

Robert Haller – CWWA Executive Director

8:45

**Infrastructure Phase 1 – How investments in Clean Water and Wastewater Fund are being used? *Panel Discussion***

Moderator: Carl Bodimeade – Vice-President Hatch Canada

Chad Westmacott – Infrastructure Canada

Daniel Rubinstein – Federation of Canadian Municipalities

Melissa Osborne – Canadian Network of Asset Managers

10:15

Refreshment Break



10:30

**Climate Change – Preparing a resilient infrastructure to cope with natural disasters**

***Panel Discussion***

Moderator: Hiran Sandanayake – Chair of CWWA's Climate Change Committee

Dr. Dianne Saxe – Environmental Commissioner of Ontario

	<p>Michelle Poirier – Natural Resources Canada</p> <p>Natalia Moudrak – Intact Centre on Climate Adaptation</p> <p>Lapo Calamai – Insurance Bureau of Canada</p> <p>Bruce MacArthur – Tesera</p>
12:30	<p>Lunch</p> 
1:30	<p><b>Biosolids <i>Panel Discussion</i></b></p> <p>Moderator: Michael Payne – Chair of CWWA’s Biosolids Committee</p> <p>Judith Tessier – Environment Canada</p> <p>Ewa Madey – Canadian Food Inspection Agency</p> <p>Laurie Ford – Metro Vancouver</p> <p>Dean Iamarino - Halton Region</p>
3:30	<p>Refreshment Break</p>
3:45	<p><b>Strategic Visioning of Urban Water Management (Workshop results and Next steps) <i>Panel Discussion</i></b></p> <p>Moderator: Dr. Anthony Massys – Defence Research and Development Canada</p> <p>Xavier Leflaive – Organization for Economic Co-operation and Development</p>

	Hiran Sandanayake – City of Ottawa
5:00	Closing Remarks
6:30	<b>Annual Dinner at Steak &amp; Sushi</b> (87 Clarence Street)
<b>Window on Ottawa</b>	
<b>Tuesday, June 6 – Day 2</b>	
8:00	Registration & Breakfast
8:30	Updates CWWA Technical Committees
8:45	<b>Infrastructure Phase 2 Panel Discussion</b> Moderator: Colwyn Sunderland, Kerr Wood Leidal Associates Limited  Bogdan Makuc – Infrastructure Canada  Daniel Rubinstein – Federation of Canadian Municipalities  Melissa Osborne - Canadian Network of Asset Managers
10:15	Refreshment Break
10:30	<b>Drinking Water Quality – Lead Contamination - Panel Discussion</b> Moderator: Klas Ohman – Chair of CWWA's Water Quality Committee  France Lemieux – Health Canada  Graham Gagnon – Dalhousie University  Reid Campbell – Halifax Water
12:00	Lunch

## Federal Programs

Moderator: Ed von Euw – Chair of CWWA's Wastewater & Stormwater Committee

1:00	Drinking Water Programs Updates Jane Macaulay – Health Canada
1:30	Climate Innovation Program Jacquelyn Taylor – Federation of Canadian Municipalities
2:00	Municipal Asset Management Program Kate Fleming – Federation of Canadian Municipalities
2:30	Refreshment Break
<b>Security and Safety</b>	
Moderator: Ian Mcilwham – Chair of CWWA's Security & Emergency Mgt. Committee	
2:45	Cyber Security Resources for Water Sector Kevin Morley – American Water Works Association (AWWA)
3:15	CCIRC– Cyber Risks to Critical Infrastructure Frank Turbide – Public Safety Canada
3:45	Process Safety Management Standard Morley Brownstein – Canadian Standards Association
4:15	Wrap-up



## ABOUT THE CWWA

The Canadian Water and Wastewater Association (**CWWA**) was established in 1986 to represent the common interests of Canada's municipal water and wastewater systems to federal and interprovincial bodies with respect to policies, programs, national codes, standards and legislation. CWWA's membership has expanded to include other than municipal systems, giving our members an even stronger voice in Ottawa.

Much of the progress and success can be attributed to the initiatives of its founding members. The opportunities and support provided by both Health Canada and Environment Canada have been instrumental in the conduct of major CWWA programs. These have focused on the emerging water/ wastewater management challenges evolving from growing public concerns.



Canadian Water and Wastewater Association

# National Water and Wastewater Conference

November 5-8  
St. John's Convention  
Centre, NL

[www.nwwc2017.ca](http://www.nwwc2017.ca)