

AGENDA | Day One

March 26, 2025



SOURCE
OF STREAM

	TRACK ONE - Hall A	TRACK TWO - Hall F
8:00 – 8:45 am	REGISTRATION – MAIN LOBBY	
8:45 – 9:00 am	OPENING REMARKS	OPENING REMARKS
9:00 – 10:00 am	Rising Tides: Navigating the Future of New York City's Water Resources Laurian Farrell (New York City)	Harnessing Nature for Stormwater Resilience in NYC Melissa Enoch (New York City)
10:00 – 10:30 am	Building Up Resilience for Existing Drainage Networks: Approaches with Water Squares and Sponge Parks in Montreal (Qc) Gilles Rivard (Montreal Urban Community)	Guichon Creek Daylighting: How Emergency Response Became Creek Restoration Caroline Charbonneau (Kerr Wood Leidal Associates Ltd.)
10:30 – 11:00 am	NETWORKING BREAK	
11:00 – 11:30 am	Balancing Level of Service and Flood Risk: Are We Bound to Oversize Municipal Stormwater Infrastructure? Amna Tariq and Shawna Chambers (City of London)	Panel: Watercourse Management in an Era of Asset Management David Gingerich, Matt Johnston, and Beth Williston (TRCA), Bill Snodgrass (City of Toronto; retired), George Zepieri (Dynex Construction), and Robert Amos (Aquafor Beech Ltd.)
11:30 – 12:00 pm	To Credit or not to Credit: The Enigma of Flood Storage Ron Scheckenberger (Scheckenberger & Associates Ltd.)	
12:00 – 1:15 pm	LUNCH BUFFET (Seating located in halls B through E)	

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	TRACK ONE - Hall A	TRACK TWO - Hall F
1:15 – 1:45 pm	<p>From Obstacle to Opportunity: The Bentway Staging Grounds LID Monitoring Project Alexus Maglalang (TRCA) and Josh Harskamp (The Bentway Conservancy)</p>	<p>Proposed Excess Soil Beneficial Reuse Exemption for Asphalt Contaminated Soil & SWM Pond Sediment: How can AI be used to identify asphalt sources? Francine Kelly-Hooper, Kandasamy Sivasubramanian, and Ian Collins (GHD)</p>
1:45 – 2:15 pm	<p>How <i>Low Impact</i> is your Development? Opportunities and Considerations for Reducing the Impacts of Construction Kristina Hausmanis and Robert Mays (City of Toronto)</p>	<p>Excess Soil Regulation – Improving SWM Pond Performance and Optimizing Operation & Maintenance of Sediment Removals: Performance assessment of four (4) SWM shields Chris Denich (Aquafor Beech Ltd.)</p>
2:15 – 2:45 pm	<p>Replacing Ponds with LIDs: Performance of the First LID Subdivision in the City of Brampton Jordan Wiedrick (CVC)</p>	<p>Improving Site ESC: Transitioning to Filter Sock from Silt Fence Rod Anderton (SCS Consulting Group Ltd.)</p>
2:45 – 3:15 pm	NETWORKING BREAK	
3:15 – 3:45 pm	<p>Green Roads Ahead: Low Impact Development for Sustainable Stormwater Management in York Region Yolanda Fang and Amin Owringi (AtkinsRéalis)</p>	<p>Natural Channel Design Monitoring – Well-Established Methods vs. Innovative Tools Kathy Robitaille-Feick and Brandon Smelt (AECOM)</p>
3:45 – 4:15 pm	<p>Application of LID-TTT Model for Stormwater Management Planning Hesham Fouli and Samantha Pelayo Cazares (WSP Canada Inc.)</p>	<p>Using Anionic Polymer Gels To Achieve Maximum Turbidity Reduction From Construction Projects Eddie Snell (Applied Polymer Systems)</p>
4:15 – 6:30 pm	NETWORKING RECEPTION	

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8:00 – 9:00 am	REGISTRATION – MAIN LOBBY	
9:00 – 9:30 am	Incorporating Indigenous Knowledge into Green Infrastructure Aaron Ward (City of Thunder Bay)	King’s Park Stormwater Management Project: Utilizing Green-Infrastructure and Natural Channel Design Techniques Clifton Coppolino (TRCA)
9:30 – 10:00 am	Bringing the CLI-ECA Framework into Action: Guiding Principles to Inform Stormwater Management Practices Derek Smith and Aziz Ahmed (MECP)	Watercourse Collector App: Results from a Multi-year Watercourse Deficiency Monitoring Program in the City of Hamilton Hector Quintero (City of Hamilton) and Meghan Sauro (AECOM)
10:00 – 10:30 am	Stormwater Under Pressure: Navigating O&M Manual Development under the CLI-ECA Craig Schritt (Town of Newmarket) and Marjorie MacDonald (Resilient Consulting Corp.)	Rapid Response for Resilience: Rebuilding Stormwater Infrastructure and Ecological Integrity at Burke Brook Anna Paris (Maccaferri Canada Ltd.) and Nicholas Bellissimo (Accardi Engineering Group)
10:30-11:00 am	NETWORKING BREAK	
11:00 – 11:30 am	Building Awareness, Protecting Waterways: Lessons learned from SWMF Outreach Program Jessica Punzal and Kevin Thavarajah (City of Brampton)	Unmaintained Stormwater Outfalls: Draining Water or Draining Resources? Robert Amos and Jacob Ursulak (Aquafor Beech Ltd.)
11:30 – 12:00 pm	Advancing Resilient Water Management: One Water Approach in Practice Brett Emmons and Kajol Annaduzzaman (Emmons & Olivier Resources)	Constructing Designs: Unifying the Contractor and Designer Chase Konecny and Peter DeCarvalho (Stantec)
12:00 – 1:15 pm	LUNCH BUFFET (Seating located in halls B through E)	

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1:15 – 1:45 pm	Designing for System longevity in Green Infrastructure: Urban Ecology and Community Sheri DeBoer (City of Vancouver)	30 Years of Stream Rehabilitation Doug Forder (Ontario Streams)
1:45 – 2:15 pm	A Real-World Test Case For Subwatershed Systems-Based Stormwater Management Planning Aaron Farrell (HDR) and Rachel Ellerman (Town of Milton)	Leveraging Advanced Survey Technologies in Urban Watercourse Restoration: LiDAR and Photogrammetry Applications from EA to Post-Construction Jennifer Kim (City of Toronto)
2:15 – 2:45 pm	Real Time Monitoring and Real Time Control for Improved Stormwater Management David McCarthy (University of Guelph)	Gambling on Site Conditions – Risk in Stream Restoration Heather Amirault and Michael Dhanraj (Stantec)
2:45 – 3:15 pm	NETWORKING BREAK	
3:15 – 3:45 pm	Investing in Resilience: Overview & Applications of the Risk & Return on Investment Tool (RROIT) Kristopher Robinson and Emma Haug-Kindellan (CVC)	Creek Erosion Inventories: Methodologies for Risk Assessment and Prioritization Amy Nicoll and Julia Howett (Montrose Environmental)
3:45 – 4:15 pm	Cultivating Community Resilience and Adaptation through Flood Risk Assessments Bill Yu (Emmons & Olivier Resources)	Navigating Watershed Futures: Muskoka River Ecological Flow Assessment in a Changing Climate Lisa Bowering (GHD)