

## Source to Stream Conference Program 2023

<b>AGENDA - DAY ONE</b>		
<b>March 22, 2023</b>	Track 1: Hall A	Track 2: Hall F
8 - 8:45 am	REGISTRATION – MAIN LOBBY	
8:45 – 9 am	Opening remarks – Hall A	Opening remarks – Hall F
9 – 9:30 am	Green Infrastructure Implementation and Maintenance in Dense Urban Areas – Case Studies from City of Vancouver   Sophie Warren (City of Vancouver)	A Stormwater Wetland’s Journey: 20 Years and Counting   Duke Bitsko and Jason Bobowski (Hatch)
9:30 – 10 am	Green Infrastructure within City of Toronto Right-of-Way – From standards to implementation   Niloufar Mohajerani (City of Toronto)	Stream restoration and sediment dredging projects –guidance on the new soil regulation and climate benefits of beneficial reuse   Hannah Chessell (Geosyntec Consultants)
10 – 10:30 am	Emerging Technologies of Blue-Green Infrastructure and Low Impact Development for Stormwater Management   Darko Joksimovic (Toronto Metropolitan University)	"Complete Corridors" - Moving water, wildlife, and people   Shawna Chambers (City of London)
10:30 – 11 am	NETWORKING BREAK	
11 – 11:30 am	Panel Presentation: Monitoring and the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) Framework: Understanding and applying Ontario’s new requirements for municipal stormwater infrastructure   Aziz Ahmed (MECP), Derek Smith (MECP), David Lembcke (LSRCA)	Forced Field-fits: When Site Conditions Change Before Natural Channel Designs Get Constructed   Robin McKillop and Max Osburn (Palmer)
11:30 – 12 pm		After the Landslide - A Field Fit Creek Restoration Project   Heather Amirault (Stantec Consulting Ltd.)
12 – 1 pm	LUNCH BUFFET (Seating located in halls B through E)	
1 – 1:30 pm	How to Avoid Green Elephants: Governance as a Driver for Resilient Green Infrastructure   Jennifer Court (GHD), Shekar Sharma (City of Vancouver)	Big Salmon Dreams for a Small Vancouver Stream: Integrating Watershed and Land Use Planning   Chelsea Emerson and Chris O'Donnell (City of Vancouver)
1:30 – 2 pm	New Guidance and Specifications for Manufactured Stormwater Treatment Technologies   Tim Van Seters (TRCA), Shad Hussain (City of Toronto)	Effective Small-Scale Stream Restoration Techniques   Kat Lucas (Ontario Streams)

2 – 2:30 pm	What Once Was Old, Now Made New – Opportunities, Challenges and Lessons Learned in Stormwater Pond Maintenance   Bill Trenouth (AECOM)	Design-Build Stream Restoration: Lessons Learned   Brad Fairley (5 Smooth Stones Restoration), Ed Gazendam (Water's Edge)
2:30 – 3 pm	N E T W O R K I N G   B R E A K	
3 – 3:30 pm	An Alternate Public-Private Approach to Stormwater Management   Phil James (CVC), Ron Scheckenberger (Scheckenberger & Associates Ltd.)	Natural Channel Design Solutions and Municipal Infrastructure: They can co-exist   Mariëtte Pushkar (Matrix Solutions), Adrienne Sones (City of London)
3:30 – 4 pm	Influence of Winter De-icing Salts on Phosphorus Retention in Bioretention Systems   Amanda Pinto (C.F. Crozier and Associates)	Case Study 50 Years in the Making - Rehabilitation of the Royal Oak Municipal Drain   JJ Breede (Terrafix), Stephen Brickman (Headway)
4 – 4:30 pm	Establishing Permanent Vegetation in Urban Green Infrastructure   Britta Hansen (Emmons & Olivier Resources)	Stormwater Pond Volume Measurement Methods: A comparison of RTK 9 beam sonar verses geodetic survey with disk and rod   Chandler Eves (LSRCA), William Dainty (Ecometrix Inc.)
4:30 – 8 pm	N E T W O R K I N G   R E C E P T I O N	

<b>AGENDA - DAY TWO</b>		
<b>March 23, 2023</b>	Track 1: Hall A	Track 2: Hall F
8 – 9 am	R E G I S T R A T I O N   –   M A I N   L O B B Y	
9 – 9:30 am	PLANTing for Success! School Rain Garden Design   Amy Lejcar (Into the Woods Landscape Architecture & Arboriculture)	Belfountain Dam and Headpond Class EA and Construction   Brian Bishop (WSP E&I Canada Ltd.), Scott Cafarella (CVC)
9:30 – 10 am	Green Infrastructure Initiatives in Thunder Bay - A Northern Approach   Aaron Ward (City of Thunder Bay)	Duncan Creek Full Natural Channel Restoration   Niloufar Mohajerani (City of Toronto)
10 – 10:30 am	Living LID   Brett Emmons and Karli McCawley (Emmons & Olivier Resources)	Balancing Act - Watercourse Restoration Beside a Closed Landfill   Mark Basingthwaite (Resilient Consulting Corporation)
10:30 – 11 am	N E T W O R K I N G   B R E A K	
11 – 11:30 am		Kettleby Creek Barrier Mitigation Project   Peter Shuttleworth (LSRCA), Ed Gazendam (Water's Edge)

11:30 – 12 pm	Panel presentation: Improving Conditions for Street Trees: Challenges, opportunities and new City of Toronto Standards   Kristina Hausmanis, Diane Leal and Abe Mouaket (City of Toronto)	Saving a lake, a neighborhood landmark   Britta Hansen (Emmons & Olivier Resources)
12 – 1 pm	L U N C H B U F F E T (Seating located in halls B through E)	
1 – 1:30 pm	New Information to Support SWM Pond Sediment Beneficial Reuse Under O.Reg. 406/19 Excess Soil Rules   Francine Kelly-Hooper (GHD)	Unique Implementation Challenges of Installing Large Corridor Channel Realignments: Too Much Dirt, Too Much Water, and Not Enough Time   Lindsay Davis and Michael Lawson (Geo Morphix)
1:30 – 2 pm	Quantifying Asset Criticality for Prioritization of Green Rainwater Infrastructure Assets for Strategic Asset Management   Shekar Sharma (City of Vancouver)	Erosion Control Infrastructure - Asset Operation and Management Plans   Matt Johnston and David Gingerich (TRCA)
2 – 2:30 pm	The Expanding Wikiverse: Next level guidance to cover the full life cycle of LID facilities   Dean Young and Daniel Filippi (TRCA)	An Economical Approach to ESC: Observations from my first year as a CISEC   Michael Dhanraj and Heather Amirault (Stantec Consulting Ltd.)
2:30 – 3 pm	N E T W O R K I N G B R E A K	
3 – 3:30 pm	Sewershed and Overland Flow Route Delineation with ArchHYDRO   James Cowan and Raju Khadka (CVC)	Integration of Fluvial Geomorphologic and Hydraulic Principles for Sizing of Watercourse Crossings   Kathy Robitaille-Feick and Andres Rodrigues (AECOM)
3:30 – 4 pm	Assessing the function of stormwater management facilities in a changing climate   Kevin Stevens (Wilfrid Laurier University), Amanda Pinto (C.F. Crozier and Associates)	Application of 3D high-resolution combined DC resistivity and induced polarization (DC-IP) geoelectrical imaging to improve interpretation of streambed heterogeneity and groundwater-surface water interactions   Kyle Robinson (Matrix Solutions)