



AGENDA

LOW IMPACT DEVELOPMENT SYMPOSIUM

Thursday, March 20th

Watershed Conservation Centre
Fanshawe Conservation Area
1424 Clarke Road, London, Ontario

Low impact development (LID), an innovative stormwater management approach that treats, infiltrates, filters, and retains runoff at the source, is rapidly becoming the new norm in Ontario.

Speakers will present valuable lessons learned from LID examples in Ontario. Learn from the experiences of other municipalities and conservation authorities.

Agenda

8:30 am - **Registration**

9:00 am - **Opening Remarks** - Ian Wilcox, General Manager, Upper Thames River Conservation Authority

9:15 am - **Responsibilities and Risk Management in a Changing Climate** - Laura Zizzo, Partner, Zizzo Allan PC

10:00 am - **Current State of Stormwater Management in Ontario** - Christine Zimmer, Senior Manager, Water Protection and Restoration, Credit Valley Conservation Authority

10:30 am - **Break**

11:00 am - **Addressing Barriers/ Case Studies** - Phil James, Manager of Urban Watershed Protection and Restoration, Credit Valley Conservation Authority

11:45 am - **Low Impact Development Features in Urban Areas: A Municipal Perspective** - Tom Wenzel, Permit and Roadway Coordinator, City of Mississauga & Steve Barrett, Manager of Transportation Asset Management, City of Mississauga

12:15 pm - **Lunch (provided)**

1:00 pm - **Urban Flooding and Insurance** - Dan Sandink, Manager of Resilient Communities and Research, Institute for Catastrophic Loss Reduction

1:30 pm - **LID Performance** - Christine Zimmer, Senior Manager, Water Protection and Restoration, Credit Valley Conservation Authority

2:00 pm - **Discussion & Next Steps** - Teresa Hollingsworth, Coordinator, Community & Corporate Services, Upper Thames River Conservation Authority

2:30 pm - **Tours of Watershed Conservation Centre (LEED Platinum building)** - Alex Shivas, Coordinator, Lands & Facilities, Upper Thames River Conservation Authority

3:00 pm - **Adjournment**



Environment Canada
Environnement Canada

Speaker Profiles:



Laura Zizzo

Laura Zizzo B.E.S., J.D., is a partner at Zizzo Allan PC, the first law firm in Canada to focus primarily on Climate Change Law and Policy issues. She has significant experience in environmental legal issues including complex environmental transactions, litigation and securities issues. Laura provides strategic advice to clients related to sustainability, climate change, carbon offsets and related matters.

She is co-founder of the Climate Change Lawyers Network, a member of the International Union for the Conservation of Nature (IUCN) committee on Environmental Law, an executive member of the Ontario Bar Association's Environmental Law section and a volunteer presenter for The Climate Reality Project. Laura regularly writes and speaks on climate change law and policy issues.

Laura has a degree in Environmental Studies from the University of Waterloo and a law degree from the University of Toronto. Laura is called to the Bar of Ontario.



Christine Zimmer

Christine Zimmer is the Senior Manager, Water Protection and Restoration for the Credit Valley Conservation Authority (CVC). With a team of 21 staff, Christine is responsible for watershed and subwatershed studies, developing guidance documents and providing assistance to stakeholders implementing Low Impact Development (LID) practices, in-stream real-time water quality monitoring and monitoring of stormwater technologies.

Prior to starting at the CVC, Christine obtained a Masters degree in Water Resources Engineering from the University of Guelph. Christine was part of a research team funded by the Ministry of Environment and International Joint Commission on LID. Christine has also worked for a leading UV manufacturer, as the Regional Sales Manager/Project Manager and International Field Service Manager.



Phil James

Phil James is the Manager of Urban Watershed Protection and Restoration with Credit Valley Conservation Authority. His responsibilities include overseeing a variety of urban watershed restoration projects ranging from pollution prevention studies to innovative stormwater retrofit projects. Prior to starting at CVC, Phil worked both in consulting and in the government sector in the field of water resources engineering.



Tom Wenzel

Tom Wenzel is a Transportation Infrastructure Coordinator for the City of Mississauga. One of Tom's primary responsibilities is the planning and maintenance of a network of roadways in order to optimize pavement conditions within available funding envelopes. In recent times the "one Chef in the kitchen" format has changed to include multi wants and needs within a road right of way ranging from underground infrastructure replacement and upgrades, multi-modal split needs such as cycling facilities and transit features, and now of course opportunities to implement and introduce various LID features as part of any capital roadway refurbishing project. Tom is a graduate of Humber College of Applied Arts and Technology and has a technologist diploma as a "Civil Transportation Engineering Technologist"

Steve Barrett

Steve is the manager of Transportation Infrastructure working within the Transportation and Works Department. His portfolio at the City includes Transportation Asset Management, Traffic Planning and Development, Transportation Project Management and the Cycling Office. Steve is a long time City employee, and a Sheridan College graduate with a background in traffic operations & engineering, and transportation planning.



Dan Sandink

Dan Sandink is Manager of Resilient Communities and Research at Institute for Catastrophic Loss Reduction. Dan's work has focused on lot-level urban flood risk reduction in new and existing homes, insurance issues related to property flood losses, climate change adaptation, public hazard and risk perceptions, application of building codes to reduce disaster losses, wildland fire risk reduction, among other subjects. Dan is a graduate of the geography and planning programs at the universities of Guelph, Western Ontario and Toronto.

