

Sustainable Infrastructure: Low-Impact Development & Climate Resilience

Circular Economy & Climate Change
Certificate of Completion Program

Course Overview

📶 Online Live 📅 Winter 2025 & Fall 2025/26

Adaptation to climate change requires the adoption of resilient, engineered green infrastructure to manage stormwater from a quantitative and qualitative perspective. This is of increasing importance for planners, designers, engineers, landscape architects, and construction professionals to ensure that the infrastructure designed today is adaptive to a changing climate.

This immersive, conference-style Sustainable Infrastructure Program: Low-Impact Development and Climate Resilience teaches the emerging approaches to the design, construction, operation and maintenance of engineered green infrastructure. In addition, the course focuses on design assessment, lifecycle costing, comparison to traditional stormwater infrastructure, inspection practices, and performance verification.

The program is subsidized by the Sustainable Technologies Evaluation Program (STEP). It is available to employees of Canadian municipalities, regional governments, conservation authorities, band councils and non-profit or community organizations.

COURSE STRUCTURE

8 COURSES

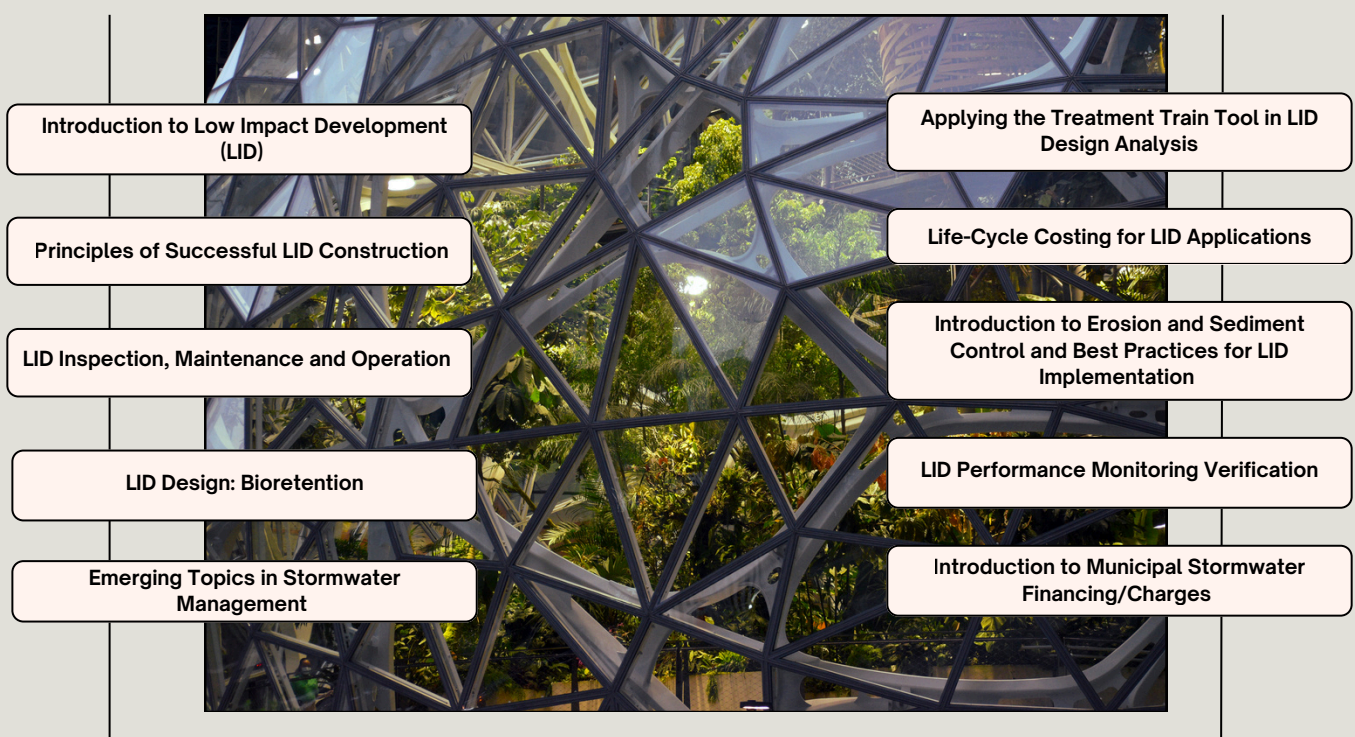
7.5 HRS PER COURSE

Learning Outcomes

- Understanding the need to focus on engineered green infrastructure and the role of low-impact development in a changing climate
- How to apply best practices and practical techniques in designing, constructing, and effectively managing engineered green infrastructure
- Utilize industry-leading tools to evaluate the environmental and lifecycle cost performance of engineered green infrastructure
- Best practices, case studies, and emerging technologies for effective implementation of sustainable, climate-resilient engineered green infrastructure

Required Courses

Elective Courses



Detailed Program Schedule on Next Page

Fall Schedule 2025/26

COURSES	PART 1 (12:00 pm - 4:00 pm EST)	PART 2 (12:00 pm - 3:30 pm EST)
Introduction to Low Impact Development (LID) REQUIRED	Thursday, Sept 25, 2025	Friday, Sept 26, 2025
Principles of Successful LID Construction REQUIRED	Thursday, October 16, 2025	Friday, October 17, 2025
LID Inspection, Maintenance and Operation REQUIRED	Thursday, November 6, 2025	Friday, November 7, 2025
LID Design: Bioretention REQUIRED	Thursday, November 20, 2025	Friday, November 21, 2025
Applying the Treatment Train Tool in LID Design Analysis ELECTIVE	Thursday, December 4, 2025	Friday, December 5, 2025
Life-Cycle Costing for LID Applications ELECTIVE	Thursday, January 15, 2026	Friday, January 16, 2026
LID Performance Monitoring Verification ELECTIVE	Thursday, January 29, 2026	Friday, January 30, 2026
Introduction to Erosion and Sediment Control & Best Practices for LID Implementation ELECTIVE	Thursday, February 12, 2026	Friday, February 13, 2026
Introduction to Municipal Stormwater Financing/Charges ELECTIVE	Thursday, February 19, 2026	Friday, February 20, 2026
Emerging Topics in Stormwater Management REQUIRED	Thursday, February 26, 2026	Friday, February 27, 2026

APPLICATION DEADLINE: AUGUST 1

Admission & Tuition

The program is subsidized by the Sustainable Technologies Evaluation Program (STEP). It is available to employees of Canadian municipalities, regional governments, conservation authorities, band councils and non-profit or community organizations. Please review the admission and subsidy eligibility [here](#).

SUBSIDIZED
Tuition Fees
\$325
+HST

Our Instructors



KYLE VANDER LINDEN

Senior Advisor, Guidance, Policy & Strategic Partnerships at CVC



SHEIDA MOIN

Stormwater Management Coordinator at LSRCA



STEVE AUGER

Senior Manager at STEP



VICTORIA KRAMKOWSKI

Senior Manager of Government & Community Relations, Peel-York Watersheds at TRCA



DANIEL FILIPPI

Research Scientist at STEP



STEPHANIE WILSON

Coordinator, Stormwater Science and Guidance at CVC



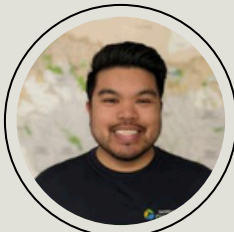
YUESTAS DAVID

Technical Analyst at TRCA



BERNADETA SUROWIEC

Specialist, Integrated Water Management at CVC



ALEXUS MAGLALANG

Environmental Technician at TRCA



LISA ROCHA

Project Manager at STEP & TRCA



JORDAN WIEDRICK

Water Resources Specialist at CVC



CHRISTY GRAHAM

Program Manager at TRCA

In partnership with

Canadian Society for
Civil Engineering



Société canadienne
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Sustainable Technologies
EVALUATION PROGRAM



Contact Information



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