

Day One - Track Two

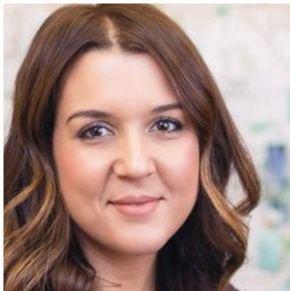
Wednesday, March 21st, 2018

2:00 p.m. – 2:30 p.m.

New Erosion and Sediment Control Guidance for the Greater Golden Horseshoe Area

Presenter: Lisa Rocha, Toronto and Region Conservation.

Biography



Lisa Rocha received her undergraduate degree in Environmental Analysis and Monitoring from the University of Toronto. She has been a part of the Toronto and Region Conservation Authority's Sustainable Technologies Evaluation Program since 2005. In her current role as project manager, she has been involved in various projects related to sustainable water management, including low impact development technologies and erosion and sediment control studies. In addition to monitoring and research studies, Lisa has been involved in the development of guidance documents, including an erosion and sediment control field inspection guide and an application guide for the use of polyacrylamide on construction sites. Recently she has been involved in the development of the Inspection and Maintenance Guide for Stormwater Management Ponds and Constructed Wetlands.

Abstract

The practice of erosion and sediment control (ESC) in Ontario has progressed in significant ways over the past decade, as awareness of the importance of mitigating construction related environmental impacts has also continued to grow. Since the release of the 2006 Greater Golden Horseshoe Area Conservation Authorities Erosion and Sediment Control Guideline for Urban Construction, there have been many significant and fundamental changes in our knowledge and understand of ESC best practices. Within Ontario, ESC training programs have greatly expanded, policies have been put in place to ensure protection of species at risk, some important pieces of legislation have changed, new products and techniques have emerged, our knowledge related to the application of products for optimal effectiveness has advanced, and the limitations of some older/conventional products and techniques have been revealed. To address this evolution, a new ESC guide is being developed for the Greater Golden Horseshoe Area, serving as an update to the 2006 Guide. This presentation will provide information on this updated Guide, including details on new content as well as amendments to existing guidance. In particular, the discussion will focus on guidance related to: (i) risk assessment approaches, (ii) the protection of low impact development measures during construction, (iii) ESC approvals processes, and (iv) turbidity monitoring for the protection of species at risk.

Learning Objectives

1. Understand of the evolution of ESC practice and the need for updated guidance;
2. Identify the most important pieces of legislation related to ESC in Ontario including recent amendments, and understand how the legislation is connected to the approvals process; and
3. Enhance knowledge of ESC measures and best practices, especially in relation to risk assessment, construction of low impact development sites, environmental monitoring during construction, and the protection of water features during in-water works.