

Day One - Track Two

Wednesday, March 21st, 2018

3:00 p.m. – 3:30 p.m.

Canadian-wide Standards for the Erosion and Sediment Control Industry

Presenter: Brian Zupancic, CSA Group

Biography



Brian Zupancic joined CSA Group in 2016 as a Project Manager focused on topics within the natural resources sector. Based out of CSA Group's U.S. Headquarter Office in Cleveland, OH, Brian oversees projects ranging from international standards on mining and CCS to North American water standards, including the Canadian Erosion and Sediment Control Inspection and Monitoring standard set to publish in December 2018. Before joining CSA Group, Brian spent 5 years in Washington, DC as a government relations manager with the coldwater fisheries conservation organization, Trout Unlimited. Brian is a graduate of Ohio Wesleyan University, and holds a Master's of Science in Environmental Science and Policy from the Johns Hopkins University.

Abstract

CSA Group, working with the Canadian Chapter of the International Erosion Control Association (IECA), plans to develop a 3-part suite of erosion and sediment control standards. This effort was born out of the desires of contractors, consultants, and industry regulators to operate according to a unified set of agreed upon practices that hopefully foster more consistent, more effective erosion and sediment controls. To that end, CSA Group established in 2016 an Erosion and Sediment Control Technical Committee comprised of industry stakeholders from across the country. That Committee is charged with overseeing the development of consensus-based standards that will span the major components of erosion and sediment control. As a starting point within the broader effort, the Technical Committee has initiated the development of a standard around the issue of inspection and monitoring. The presentation to be delivered by CSA Group will focus largely on the Inspection and Monitoring standard under development. Specifically, the presentation will touch on the major components of the standard, including personnel requirements and the associated qualifications needed to perform monitoring and inspections, the various levels of inspection and monitoring required over the life of a construction project, as well as the communication protocols needed at each phase of construction. Special attention will be given to turbidity monitoring and the way in which the standard addresses its application.

Learning Objectives

1. Identify who all is involved with the CSA standards, why they are involved, and how they operate together in pursuit of consensus;
2. Differentiate between standards and guidelines within the context of the ESC industry and the Inspection and Monitoring standard; and
3. Gain insight in to the standard's approach to personnel qualifications, inspection and monitoring frequency, and protocols for communicating findings.