



IECA Workshop Outline

SOIL, PLANTS, AND STORMWATER - DESIGNING AND MANAGING RESOURCES FOR OPTIMAL PERFORMANCE

Instructor: Ted Hartsig, Certified Professional Soil Scientist, Olsson, Inc.

Date: Tuesday, February 15, 2022 | 1:00PM – 5:00PM Central Time

Balancing the physics, chemistry, and biology of stormwater control structures and for erosion and sediment control measures can be challenging. Often, soil dynamics are not well understood and the "little" things can cause failure that was not foreseen. This training course will demonstrate how to design soil structure and plant needs to construct and manage effective stormwater control structures and erosion and control measures. This workshop will cover details of how and why soil can fail in stormwater systems and how to minimize these challenges.

Learning Objectives:

- 1) Workshop participants will gain knowledge of basic soil science to understand how soil contributes to stormwater management and control.
- 2) As an outcome of this workshop, participants will be able to better design stormwater and erosion control systems.
- 3) Participants in this workshop will be able to have better control of materials and construction of stormwater management systems

Professional Development Hour Credit: 4 PDH

RCEP Delivery Method Type: Distance Learning – Synchronous (IECA Webinar)

Category of the Activity: (1) Core Technical Content

