

The Stormwater Benefits of Creating High-Performance Urban Trees

Presentation Description:

High-performance urban trees offer many stormwater benefits. But what are “high-performance trees” and how are they produced in our urban areas? This session addresses these questions in a thought-provoking presentation that analyzes and defines the factors that contribute to LID using urban trees, and the key to realizing these benefits.

Presentation Abstract:

“High-performance” urban trees offer many LID stormwater benefits to our cities. But what are high-performance trees, why should they be considered BMPs, and how are they produced in our urban areas? What are the key things that specifiers, designers, property owners – and frankly residents – want to see from an increased investment in LID stormwater management? This session addresses these questions in a thought-provoking presentation that analyzes and defines the factors that contribute to LID stormwater management using urban trees, and the key to realizing these benefits through design. It reviews the best practices and design techniques that successfully integrate trees into urban stormwater management, and provides examples of how high-performance trees are sustainably managing stormwater in regional and international case studies.

Presentation Length:

30 Minutes (can adjusted if required)

Learning Objectives:

1. Review projects that have successfully integrated LID tree pits, including how they were designed and installed, and examine the quantity reduction and quality improvement results
2. Understand why “Low Impact Development” is only a buzzword unless sustainable practices are being used and performance is realized
3. Learn how the implementation of sustainable BMPs can become common practice without compromising return-on-investment

Past Conference Presentations:

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