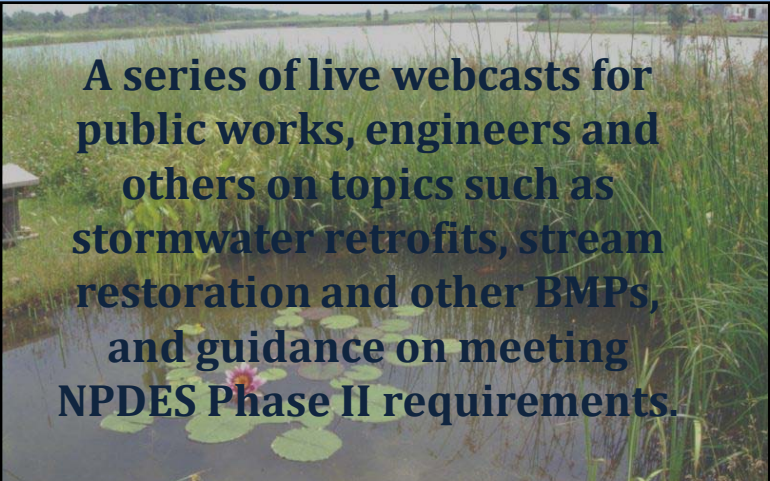


You're Invited to The Center for Watershed Protection's 2012 Watershed & Stormwater Management Webcast Series



A series of live webcasts for public works, engineers and others on topics such as stormwater retrofits, stream restoration and other BMPs, and guidance on meeting NPDES Phase II requirements.

- \$5 per webcast, lunch included.
 - Pay at the door cash only.
 - Space is limited!
 - Pre-registration required. No walk-ins will be accepted.
- To pre-register:
dhertel@lakecountyil.gov
1 CEC/2 PDHs per webcast.

Sponsored by Lake County Stormwater Management Commission

Webcasts run 11 – 1 p.m. See next page for webcast descriptions.

Wednesday, February 29, 2012

Retrofit This – A Guide to Retrofitting the World

Lake County Division of Transportation, 600 W. Winchester Road, Libertyville

Wednesday, April 18, 2012

Build This – Stormwater Retrofit Construction Issues

Lake County Central Permit Facility, 500 W. Winchester Road, Libertyville

Wednesday, June 20, 2012

Stream Restoration: Implementation You Can Take to the BANK

Gurnee Police Facility, 100 N. O'Plaine Road, Gurnee

Wednesday, August 15, 2012

Get the Dirt on Stormwater

Lake County Central Permit Facility, 500 W. Winchester Road, Libertyville

Wednesday, October 24, 2012

Leaving You Out in the Rain – Design & Implementation of Monitoring Projects

Lake County Division of Transportation, 600 W. Winchester Road, Libertyville

Wednesday, December 12, 2012

Customizing Your Stormwater BMP Design for Specific Pollutants

Lake County Central Permit Facility, 500 W. Winchester Road, Libertyville

Current Line Up of 2012 Webcasts (Based on Eastern Time)

W-1 February 29, 2012; 12 – 2pm ET

\$149

Retrofit This -- A Guide to Retrofitting the World?



Stormwater retrofitting is the art and science of inserting stormwater treatment into places where it does not exist or is currently inadequate. Increasingly we stormwater retrofitting serves as a critical tool for meeting TMDL and watershed goals, with an emerging link between retrofitting and MS4 permits. But can we retrofit the world? Well, at least some of it. This webcast – part I of a two-part retrofit webcast mini-series – will broaden your perspective about retrofitting. The webcast will introduce a retrofitting practice hierarchy and describe how to find, prioritize, and build the most effective retrofits. The webcast will also explore how much land area in a watershed can feasibly be retrofitted and at what cost. This information is based on dozens of retrofit studies conducted by the Center and others in urban, suburban, and rural watersheds.

W-2 April 18, 2012; 12 – 2pm ET

\$149

Build This – Stormwater Retrofit Construction Issues



This webcast comprises part II of our stormwater retrofitting series. Finding and designing the most promising retrofit projects in a watershed is one thing, but it's quite another to get them constructed properly. This webcast will introduce the chief lessons learned with retrofit construction projects and provide some nifty tools, such as construction checklists for various practices. This webcast will feature nominations for the most horrific retrofit construction disasters as well as shining successes, so this is a great opportunity to let others learn from your experiences!

W-3 June 20, 2012; 12-2pm ET

\$149

Stream Restoration: Implementation You Can Take to the BANK



This webcast builds on the 2011 webcast entitled, “Stream Restoration: Between a Rock and a Hard Place” to go one step further and focus on the assessment methods to identify appropriate sites for restoration and the design approach used to meet the restoration goals and objectives. Stream restoration can serve as a major tool for managers to comply with regulations and meet their pollution reduction goals. Several important factors for success will be discussed that include targeting the right restoration site, deciding what assessments to do, determining the appropriate design needed, and carrying out the assessments that can tell us how the restoration did or did not meet the original project goals and objectives. This webcast will host experts in the field to share their experience, data, case studies to highlight common pitfalls and solutions in the stream restoration field, and the most up-to-date stream restoration credit information.

W-4 August 15, 2012; 12-2pm ET

\$149

Get The Dirt on Stormwater



Recently, stormwater management has become dirty business, meaning that the dirt has a lot to do with the effectiveness of stormwater practices. There have been many innovations in the field of structural soils, soil amendments, and sophisticated soil mixes for bioretention – all for the purpose of enhancing stormwater treatment systems and/or targeting particular pollutants. This webcast will give you the dirt on the soil revolution and provide many practical design tips and resources.

W-5 October 24, 2012; 12-2pm ET

\$149

Leaving You Out in the Rain – Design & Implementation of Monitoring Projects



How would you answer questions such as: Are your stormwater practices working? Has your community met its pollutant reduction goals? How do we know if the water is clean? Monitoring may be the red pill to help you answer these sometimes very fundamental questions. However, monitoring costs a lot of money, and the data generated sometimes fall short of expectations. So how can we turn this lemon into lemonade? This webcast will focus on the different types of monitoring and the “must haves” for a successful monitoring project that will yield valid results and, most importantly, answer your critical research or regulatory questions. What type of equipment is needed? How many samples should be collected? How should the data be analyzed? These and many other questions will be explored in this monitoring-numental webcast. And, if you're not left out in the rain, then you're probably not getting the right data!

W-6 December 12, 2012; 12-2pm ET

\$149

Customizing Your Stormwater BMP Design for Specific Pollutants



Stormwater design requires specializing and customizing. This is due in part to TMDLs that specify a particular pollutant of concern (e.g., bacteria, nutrients, sediment) or parts of the country or world that have unique considerations (e.g., coastal waters, cold-water fisheries). This webcast will describe how stormwater BMP designs are being adapted to remove particular pollutants. We will review the research on pollutant-specific removal pathways and provide case studies and resources for designing pollutant-targeting BMPs.