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GROWING GREEN INFRASTRUCTURE IN NEW YORK

SYRACUSE, NY · NOVEMBER 16TH AND 17TH

WEDNESDAY, NOV. 16

- PROFESSIONAL DEVELOPMENT TRAININGS
- PROJECT SITE TOURS
- SAVE THE RAIN RECEPTION

THURSDAY, NOV. 17

- CONCURRENT TECHNICAL SESSIONS
- PROFESSIONAL PANEL DISCUSSIONS
- KEYNOTE SPEAKERS
- EXHIBITS

Join us for two days of Green Infrastructure training, networking, learning and sharing on November 16-17, 2011!

PROGRAM OVERVIEW (SEE FULL PROGRAM ON REVERSE)

WEDNESDAY, NOVEMBER 16

- 8:00 am - 12:30 pm: **What is i-Tree?**
hosted by SUNY ESF Outreach
- 8:00 am - 4:30 pm: **Soils and Hydrology for Green Infrastructure**
hosted by the CNY Regional Planning and Development Board
- 2:00 pm - 5:00 pm: **Bus Tour of Green Infrastructure Projects in Syracuse**
- 5:00 pm - 8:00 pm: **Save the Rain Pre-Conference Networking Reception**

THURSDAY, NOVEMBER 17

- 8:00 am-4:30 pm: **Growing Green Infrastructure in New York Symposium**
Featured Speakers: Charlie Miller, P.E. Founder, Principal, and President, Roofmeadow; and Jim Tierney, Assistant Commissioner for Water Resources, NYS DEC (invited)
- Presentations by experts on the future of green infrastructure in our state and region,
 - Panel discussions on strategically advancing green infrastructure,
 - Discussions on barriers and opportunities,
 - Green infrastructure applications and tools,
 - Design, construction, monitoring and maintenance.
 - PDHs pending

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DETAILED SCHEDULE OF EVENTS

WEDNESDAY, NOVEMBER 16

8:00 am - 12:30 pm: **What is i-Tree?**

Hosted by SUNY ESF Outreach | Instructor: Bob Hoehn, Forester, US Forest Service

Location: King + King Architects, 358 W. Jefferson St. | Cost: \$75 professionals, \$65 non-profits and education

Hosted by SUNY ESF Outreach, this workshop will provide an overview to i-Tree, a state-of-the-art, peer-reviewed software suite from the USDA Forest Service that provides urban forestry analysis and benefits assessment tools. The i-Tree Tools help communities of all sizes to strengthen their urban forest management and advocacy efforts by quantifying the structure of community trees and the environmental services that trees provide. Whether your interest is a single tree or an entire forest, i-Tree provides baseline data that you can use to demonstrate value and set priorities for more effective decision-making.

8:00 am - 4:30 pm: **Soils and Hydrology for Green Infrastructure**

Hosted by CNYRPDB | Instructors: John Dunkle, PE, CPESC; Deb Caraco, PE, CPESC

Location: SyracuseCoE, 727 E. Washington St. | Cost: \$230 | 7.0 PDH Credits

A working knowledge of soils and hydrology are essential skills for anyone involved in the planning, design, or review of Green infrastructure practices. In the first section of this workshop, we will review the many classifications and characteristics of natural and man-altered soils that influence runoff, infiltration, storage, filtration, and vegetative growth. Techniques for soil restoration will also be explored. Secondly, the hydrology of Green infrastructure practices will be examined, especially impervious disconnection, and its effect on RCN and TC. Techniques for computing and evaluating small and large storm hydrology incorporating runoff reduction will be applied to various development scenarios.

2:00 pm - 5:00 pm: **Bus Tour of Green Infrastructure Projects in Syracuse**

Location: Starts at SyracuseCoE, 727 E. Washington Street | Cost: \$12

Join us for a tour of green roofs, permeable pavement installations, bioswales, rain gardens, basketball courts, and many other Save the Rain projects. Projects include private, public and collaborative installations in Syracuse, NY. The tour will be led by Matt Marko of CH2M Hill.

5:00 pm - 8:00 pm: **Save the Rain Pre-Conference Networking Reception**

Location: The Palace Theatre, 2384 James St. | Cost: Free

Come and hear updates from Onondaga County's Save the Rain program, and mingle with conference attendees, Save the Rain representatives and project partners. The night's program will include an overview of Project 50 with a panel discussion featuring **Jim Tierney**, Assistant Commissioner for Water Resources at the NYS Dept. of Environmental Conservation.

THURSDAY, NOVEMBER 17

Growing Green Infrastructure in New York Symposium

Location: Syracuse University Sheraton Hotel | Cost: \$65 professionals, \$35 students

8:45 am: *Welcoming Remarks & Featured Speaker*
County Executive **Joanie Mahoney** (invited),
Jim Tierney, Assistant Commissioner
for Water Resources, NYS DEC (invited)

9:30 am: *Panel: Strategically Advancing
Green Infrastructure*
Sandra Allen, NYS EFC; **Larry Levine**, NRDC
Jim Tierney, NYS DEC; **Brian Smith**, Citizens
Campaign for the Environment

10:45 am: *Concurrent Sessions*

- Use of Green Infrastructure to Reduce Stormwater Runoff
- 30 Years of Green Roofs: What Works and What to Look Out For
- Overview of the Green Innovation Grant Program
- Lessons Learned from Municipal Green Infrastructure Programs
- Addressing barriers to green infrastructure in the Hudson River Estuary watershed
- Process Guide for Successful Rain Gardens in Urban Areas: A Comparison of Rain Gardens in Syracuse, NY
- Computational Methods for Green Infrastructure Design

12:15 pm - 1:00 pm: *Lunch*

1:00 pm - 1:45 pm: *Featured Speaker*
Charlie Miller, Roofmeadow

2:00 pm - 4:00 pm: *Concurrent Sessions*

- An overview of Porous Paving Materials
- Porous Paving Materials Training (Session qualifies for 2.0 PDHs)
- Syracuse Creekwalk: Green Infrastructure in the Urban Core
- Integrating Green Infrastructure Into Existing Communities
- Adding a Module to the U.S. EPA SWMM 5.0 Model to Analyze the Impact of Green Infrastructure on Urban Storm Water Runoff in Syracuse, NY
- Treatment Wetlands as Infrastructure
- Integrating Trees with Design
- Real-time Monitoring and Control of Distributed Green Infrastructure: The New Face of Performance and Compliance Monitoring
- Compost Use in Green Infrastructure

4:00 pm - 4:15 pm: *Conference Ajourn*