



## Roundtable on Urban Ecohydrology Science and Practice

July 24<sup>th</sup>, 2012

**Location: Drexel University Constantine N. Papadakis Integrated Sciences Building**  
**(Classroom: ISB 112) – 33<sup>rd</sup> and Chestnut**

### The goals:

- Explore applied research in the specialized field of urban ecohydrology and its usefulness in guiding decisions about green stormwater infrastructure;
- Engage practitioners in dialogue regarding their use of green stormwater infrastructure as a climate change adaptation strategy;
- Foster dialogue among researchers and practitioners; and
- Gain a specific understanding of practitioner needs for research.

9:00 – 9:30 Coffee and Registration

9:30 – 9:40 Welcome

**Franco Montalto**, Asst. Prof. Civil Engineering, Drexel University, and Consortium for Climate Risk in the Urban Northeast (CCRUN)

**Chuck Haas**, Dept. Chair, Civil, Architectural, and Environmental Engineering, Drexel University

**Phillip Rodbell**, US Forest Service Philadelphia Field Station

9:40 – 10:10 Introductory Remarks and Presentations

**Linda Sohl**, Consortium for Climate Risk in the Urban Northeast (CCRUN)

**Franco Montalto**, Drexel University/CCRUN – Green Infrastructure as a Climate Change Adaptation Measure,

**Ken Belt**, US Forest Service Baltimore Ecosystem Study – Ecohydrological Principles: Green Infrastructure Meets Stormwater Engineering,

10:10 – Start Technical Presentations

Trigger Question: What decisions are practitioners making and what research is needed?

10:10 – 10:20 **Robert Traver**, P.E, Ph.D., Professor in the Department of Civil and Environmental Engineering at Villanova University, and Director of both Center for the Advancement of Sustainability in Engineering, and the Villanova Urban Stormwater Partnership

10:20 – 10:30 **Rachel Ahern**, MLA, Landscape Designers of Philadelphia Water Department and **Katie Shafer**, MSc, Environmental Scientist at PWD.

10:30 – 10:40 **Susan Day**, Ph.D. Assistant Professor in the Department of Forest Resources and Environmental Conservation and Department of Horticulture, Virginia Tech, Blacksburg, VA

10:40 – 10:50 **Julie Snell**, MLA, member of American Society of Landscape Architects, Project Manager at Pennsylvania Horticultural Society, Philadelphia

10:50 – 11:00 *Break*

11:00 – 11:10 **Zhongqi Cheng**, Ph.D. , Director of the Environmental Sciences Analytical Center at Brooklyn College, and a faculty member for the Earth and Environmental Sciences Ph.D. Program at the CUNY Graduate Center and the Macaulay Honors College

11:10 – 11:20 **Sujay Kaushal**, Ph.D., Assistant Professor in the Department of Geology and Earth System Science Interdisciplinary Center, University of Maryland, College Park.

11:20 – 11:30 **Bill Stack**, M.S., Deputy Director of Programs at Center for Watershed Protection, Ellicott City, MD

11:30 – 11:40 **Matthew Palmer** Ph.D., Assistant Professor in the Department of Ecology, Evolution and Environmental Biology at Columbia University and research scientist with the Center for Environmental Research Conservation at Columbia University

11:40 – 11:50 **Nette Compton**, M.S.: Director of Green Infrastructure of New York City Department of Parks & Recreation; Adjunct Assistant Professor of Fordham University

11:50 – 12:00 *Logistics for the Afternoon*

**Franco Montalto**

### **Paul Peck Alumni Center (Board Room, 32nd and Market Streets)**

12:00 – 1:00 *Lunch at Topic Tables*

- Plant Species Selection
- Soils Management
- Water Quality
- Water Quantity

1:00 – 1:20 *Strawperson Synthesis of Research Priorities*

**Patrick Gurian**, Ph.D., Department of Civil, Architectural, and Environmental Engineering, Drexel Univ.

1:20 – 1:30 *Roundtable Instruction*

- For each table topic: 1) What issues are you addressing in your work and why is it important; 2) what research is needed?
- Combine/Remove duplicates and vote with dots on the top three (3) research topics
- For top three issues, How (what methods) do you propose for the research to be carried out?

1:30 – 3:00 *Concurrent Facilitated Roundtables*

3:00 – 3:30 *Report Out on Top Three Issues for Research*

3:30 – 4:00 *Wrap-up, Next Steps, and Survey*

**Thank You!**