

The Penn State Center

Working with local partners for the Pittsburgh region

We want to work with you to leverage the resources of Penn State in the Pittsburgh community. That's why we launched **The Penn State Center: Engaging Pittsburgh.**

This center, directed by Deno De Ciantis, Ed.D., is your gateway to all things Penn State. Dr. De Ciantis will work with you to understand your needs and then find resources in the University to meet them.

THE PENN STATE CENTER

ENGAGING PITTSBURGH

Cost: \$95 per technical workshop or \$50 with current student ID

Attend four (4) or more at a discount of \$90 per workshop

Morning sessions include continental breakfast. Afternoon sessions include lunch.

For more information: please contact Mary Ann Farrell at (412)263.1000 or email psu-pittsburgh@psu.edu.

The Penn State Center

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The Penn State Center: Engaging Pittsburgh

2011
Green Infrastructure
Technical Workshops
Stormwater Best
Management Series

The Penn State Center—Engaging Pittsburgh launched its *Green Infrastructure Technical Workshop Series* on April 12th, with the [Sustainable Sites Initiative™](#) (SITES™).

Seven more technical workshops have been scheduled for 2011. Each workshop will include at least one case study as well as detailed design elements and specifications that are useful for implementation. Topics include Pennsylvania Department of Environmental Protection Stormwater Best Management Practices, as well as green infrastructure defined by 3 Rivers Wet Weather.

WEDNESDAY JUNE 29

11:45am—4:30pm

Riparian Buffer Restoration

**Kristen Saacke Blunk,
Diane Oleson, Stephanie Eisenbise,
Diane Wilson and Greg Kedzierski**
Riparian corridors are extremely important for a balanced ecosystem. Learn restoration techniques from several specialists.

4.5 CEUs

TUESDAY AUGUST 16

12pm—4pm

Tree Planting for Difficult Sites

Co-sponsored by

Pittsburgh Shade Tree Commission

William Elmendorf, Ph.D.

New design techniques for preservation of trees in construction sites as well as planting for streetscapes and parking areas.

3 CEUs

THURSDAY SEPTEMBER 15

9am—12pm

Permeable Pavement

Mansour Solaimanian, Ph.D., P.E.

Learn cutting edge techniques from the Director of the Northeast Center of Excellence for Pavement Technology.*

3 CEUs

12pm-4pm

Artful Stormwater Mitigation

Stuart Echols, MLA, Ph.D.

Instruction and application utilizing an actual Pittsburgh site will be included in the afternoon segment of this technical workshop. Learn unique ways of incorporating artful stormwater mitigation into your projects taught by one of the leading landscape architects in our region.*

3 CEUs

*attend both sessions OR just one.

TUESDAY OCTOBER 18

12pm—4pm

Rainwater Harvesting

Disconnect/Distribute/Decentralize

Best ways to utilize rainwater for effective and efficient use.

Rain Gardens/Bioretenion

Robert Berghage, Ph.D.

Expand your design palate in designing rain gardens and all their intricacies.

3 CEUs

TUESDAY NOVEMBER 15

12pm—4pm

Green Roofs

Robert Berghage, Ph.D.

Newly developed plant cultivars and planting design techniques will be discussed. Learn innovation in green roof design and development.

3 CEUs

MONDAY DECEMBER 5

12pm—3pm

Water Quality Awareness

Jack Watson, Ph.D.

Jim Shortle, Ph.D.

What runs off, what infiltrates, what stays in the soil and what moves to groundwater. Learn the controllers of chemical fate through various factors. Case studies of municipal effluent reuse on grassland, cropped land and forested land — carbamazepine fate in soils and groundwater.

3 CEUs