

6th Annual Sustainability Conference and Pittsburgh Green Workplace Challenge Workshop #9

The Water-Energy Nexus: Conservation, Innovative Technologies, and Practical Solutions

Thursday, March 27, 2014

Phipps Conservatory
Pittsburgh, Pennsylvania

Keynote Speaker:
WILLIAM PEDUTO
Pittsburgh Mayor



Pittsburgh Chapter



PITTSBURGH
Green Workplace
Challenge



A PROGRAM OF
SUSTAINABLE PITTSBURGH

Date:
March 27, 2014

Time:
8:00 a.m. - 4:00 p.m.

Location:
Phipps Conservatory
Pittsburgh, Pennsylvania

Cost:
Member - \$85⁰⁰
Non-Member - \$100⁰⁰
Students - \$25⁰⁰

Continental breakfast
and lunch will be
included.

5 PDH certificate upon
attendance

Register With:

Tim Brett at
tbrett@lsse.com
412-264-4400 ext. 234

or visit our website
www.asce-pgh.org

RSVP by COB
Tuesday, March 25, 2014

The Green Workplace Challenge (GWC), a program of Sustainable Pittsburgh's Champions for Sustainability, joins the American Society of Civil Engineers (ASCE) Pittsburgh Section, and the Environmental and Water Resources Institute (EWRI) Pittsburgh Chapter for a full-day event that explores the connections between energy use and water use, with emphasis on conservation, savings, and new technologies.

Newly-elected Pittsburgh Mayor William Peduto, a notable advocate of sustainable policies, will be the kick-off speaker.

The event features the 9th installment of the GWC workshops and a 3rd quarter GWC Leaderboard update, setting the stage for the final dash to the competition's finish at the end of May 2014 for its 103 participants. A panel of GWC leading organizations will share their strategies relating to the connection of energy savings, water savings, and their GWC standings.

The event offers a range of policy-oriented and technical presentations on the Water-Energy Nexus. Speakers will present national and regional perspectives on the relationship of water and energy with a focus on the need for sustainable practices. Sessions will focus on several cutting edge technologies gaining traction across the nation and globe, such as wastewater heat recovery implementation case studies and the quickly advancing energy recovery capabilities of hydropower using low head micro-turbines.

Water and energy intersect at the core of sustainable development strategies regionally and globally. The availability of water depends upon the availability of energy, and vice-versa. The terminology, "Water-Energy Nexus" describes this mutual interdependence as well as the strategic opportunities for managing both resources more sustainably. Demand for sustainable solutions at the water-energy nexus has become paramount in an expanding world economic system. Solutions can range from more efficient deployment of both resources through demand reduction (as is emphasized in the Green Workplace Challenge) as well as new technologies that deliver more efficient, effective, and higher quality value through smarter resource usage. Industry and policymakers have achieved a heightened awareness of practical solutions, procedures, and new technologies in the water-energy nexus focal point. This event will offer insights from the cutting edge of practice at the water-energy nexus. We look forward to your participation.