



THE ASCE PITTSBURGH SECTION
ENVIRONMENTAL & WATER
RESOURCES INSTITUTE



in association with the
Allegheny Mountain Section of the Air & Waste Management Association
and
Sustainable Pittsburgh's Champions for Sustainability

Presents

Climate Change Uncertainties Opportunities for Business Innovation?

Three of Pittsburgh's business, engineering and environmental professional organizations are coming together to convene a regional conversation about climate change, its impacts and our responses. *Climate change, global warming, greenhouse gases, carbon footprint*; all of these terms and issues continue to appear in conversations in our media. Many of these conversations are heated and controversial. One thing is clear about this situation: these issues *will* present challenges to businesses and individuals, simply because of the degree of interest people have in the topics and resulting worldwide concern and debate. Interest in climate change topics has already prompted foreign, federal, and state governmental considerations and actions.

To meet these challenges, the Pittsburgh section of the American Society of Civil Engineers' (ASCE) Environmental and Water Resources Institute (EWRI), in association with the Allegheny Mountain section of the Air & Waste Management Association (AWMA) and Sustainable Pittsburgh's Champions for Sustainability (C4S) network invites the region's business, engineering, and environmental professionals to a one-day seminar focusing on climate change.

Thursday, March 27, 2008
7:30AM – 4:30PM

Four Points by Sheraton Pittsburgh North
910 Sheraton Drive
Mars, Pennsylvania 16046

\$100.00 / Person

Special Student Rate \$35.00

Registration Fee Includes Continental Breakfast and Lunch Buffet

Seminar registration form is attached and is available online at www.asce-pgh.org or by contacting:

**Jerry Swart at (412) 262-6291 or email at jerry.swart@fedex.com or
John Quinlisk at (412) 503-4537 or email at John_Quinlisk@URSCorp.com**



SUSTAINABLE PITTSBURGH





ASCE PITTSBURGH SECTION EWRI
SPRING SEMINAR – MARCH 27, 2008

- 7:30 – 8:30am ***Registration & Continental Breakfast/Introductions***
Jason McBride, EWRI President & Jerry Swart, FedEx Ground
- 8:30 – 9:10am ***Human Impact on Climate Change***
William Easterling, Dean, Pennsylvania State University, College of Earth & Mineral Sciences,
Member of the Intergovernmental Panel on Climate Change
- 9:15 – 9:55am ***Natural Cycles of Climate Change***
S. Fred Singer, Science & Environmental Policy Project
- 10:00 – 10:15am **Q&A Session**
- 10:15 – 10:30am ***Break***
- 10:30 – 11:00am ***Regulatory Issues***
Krish Ramamurthy, Chief, Division of Permits, Bureau of Air Quality, Pennsylvania Department of
Environmental Protection
- 11:05 – 11:35am ***Impact on Business***
Kathryn Klaber, Vice President, Allegheny Conference on Community Development
- 11:40 – 12:00pm ***Q&A Session***
- 12:00– 1:00pm ***Lunch***
- 1:00 – 1:30pm ***Measuring Our Impact – Carbon Footprint***
H. Scott Matthews, Assistant Professor of Civil and Environmental Engineering and Engineering and Public
Policy at Carnegie Mellon University
- 1:35 – 2:05pm ***Legal Framework and Carbon Emission Trading***
Harry Klodowski, Esquire, Betts, Hull & Klodowski LLC
- 2:10 – 2:25pm ***Q&A Session***
- 2:30 – 2:45pm ***Break***
- 2:50 – 3:20pm ***Possibilities of Offsetting Carbon***
George Hoguet, NativeEnergy, Director of Mid-Atlantic Operations
- 3:25– 3:55pm ***Climate Action and Leadership***
Chris Steffy, P.E., Industrial Energy Engineering
- 4:00 – 4:30pm ***Q&A Session / Forum Discussion / Adjourn***
Matthew Mehalik, Sustainable Pittsburgh & Jason McBride, EWRI President



ASCE PITTSBURGH SECTION - EWRI

SPRING SEMINAR – MARCH 27, 2008

Four Points Sheraton, Warrendale, PA

SEMINAR REGISTRATION FORM

Name

Daytime Phone

Position/Title

Fax Number

Affiliation (Municipality, Authority, Company, Organization)

Email Address

County

Physically disabled or other special accommodations needed

Address

City, State, Zip

Registration Fee: \$100.00
Special Student Rate \$35.00

Please make checks payable to:
Pittsburgh Chapter ASCE/EWRI

Cancellations: attendees cancelling confirmed registrations within 72 hours of seminar date will be invoiced.

Mail Registration Form with check for registration fee by regular mail to:

ASCE/EWRI
c/o Jerry Swart
FedEx Ground
1000 FedEx Drive
Moon Township, PA 15108

PLEASE RETURN REGISTRATION FORM BY MARCH 21, 2008