

Earth Day April 22

**The Campus Sustainability Working Group
And
Drexel University Committee for Sustainability
Invite You To An
Afternoon Panel Discussion:**

Campus Carbon Emissions – Measuring and Planning

**Drexel University, MacAlister Hall Room 2019-2020, 1:00-4:15 PM
3250 Chestnut St. Philadelphia, PA 19104**

SUMMARY:

A rapidly evolving set of challenges and opportunities are developing from climate change and the greenhouse-gas (GHG) emissions that are causing it. Public expectations, emerging regulatory policies and fiscal constraints are driving universities to decrease their carbon footprint more than ever before. A university's strategy of mitigation and adaptation on its own campuses should be coordinated with regional planning to minimize the chance of unintended negative consequences and reduce the risks of climate change for everyone.

Successful GHG measurement and planning is achieved through four basic steps:

1. Measuring and tracking annual corporate-wide GHG emissions.
2. Setting a GHG reduction goal.
3. Developing and implementing a comprehensive GHG reduction master plan.
4. Reporting internally and externally on emission data and actions taken.

Our panelists will examine the various ways campus facilities leaders can understand, quantify, and manage greenhouse gas emissions - the Greenhouse Gas Protocol (GHG Protocol).

ABOUT THE CAMPUS SUSTAINABILITY WORKING GROUP:

The **Campus Sustainability Working Group** was formed in the Fall of 2007 to assist colleges and universities in developing comprehensive sustainability policies and practices in their respective institutions that will advance the goals of the Energy Action Agenda. Participants include representatives from the **Community College of Philadelphia, Drexel University, Philadelphia University, Swarthmore College, Temple University, the University of Pennsylvania, and the Institute for Local Self-Reliance.** For more information on the Energy Action Agenda, contact the **Energy Coordinating Agency of Philadelphia, Inc.** at (215)988-0929 ext. 233 or visit www.ecasavesenergy.org.

Join us for a presentation focusing on the important first step,

GHG Inventory Data Collection and Measurement,

followed by a discussion with our panelists and invited guests from 83 colleges and universities in the region.

RSVP by April 18 to recycle@drexel.edu

(Be sure to include "Earth Day" in the subject line.)



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MEET THE PANEL:

Joe Minott is Executive Director of the Clean Air Council. Mr. Minott will explain why the concerted efforts of universities are important in confronting global climate change.

Rob Graff is Manager, Office of Economic Analysis and Coordination at the Delaware Valley Regional Planning Commission (DVRPC). Mr. Graff serves as coordinator for DVRPC's Climate Change Initiatives program area. He will discuss the importance of a coordinated regional approach to GHG management and describe the DVRPC's latest efforts in this area.

Parikhit Sinha, PhD is a Technical Associate with O'Brien & Gere. He will give an overview of the available GHG inventory processes and discuss nineteen common themes among seven international and United States GHG accounting protocols.

Kurt Bresser is the Energy Manager for Temple University and **Leigh-Golding DeSantis** is a graduate engineering student. Together they assembled Temple's first GHG inventory using the Clean Air-Cool Planet spreadsheet tool. They will share their experience, results and insights to help other first-timers get started.

Eric K. Foster, MA, MSBA, PhD is a Study Director at Temple University's Institute for Survey Research. He designed, analyzed, and reported on Temple's GHG commuter survey. He will describe some of the challenges in surveying a university population for this purpose and advise on ways to gather better data.

Dr. William Braham, FAIA, is an Associate Professor of Architecture at the University of Pennsylvania, where he is currently Acting Chair and Director of the certificate program in Ecological Architecture. He received an engineering degree from Princeton University and an M. Arch and Ph.D. Arch. from the University of Pennsylvania, where he has taught since 1988. Dr. Braham will share experiences and findings from the University of Pennsylvania's first GHG inventory.

MEETING ORGANIZERS:

Barbara A.W. Clarke, bac23@drexel.edu (215)895-2870, Project Architect - Sustainability Coordinator, Drexel University Planning, Design & Construction

Kurt Bresser, kurt.bresser@temple.edu (215)204-4515, Energy Manager, Temple University

DETAILS:

Light refreshments available at 1:00. The speakers will begin the presentation promptly at 1:15 pm.

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