

SEVENTH ANNUAL ENERGY AND RESOURCES CONFERENCE

# CHALLENGES AND OPPORTUNITIES IN CLIMATE CHANGE

THURSDAY, MAY 30TH, 2013 AT THE CON EDISON BUILDING, NEW YORK, NY

## Conference Fees

*Early-Bird Rates expire Friday, 5/10*

For full-day conference, includes all presentations, networking, breakfast, luncheon, and breaks.

**Members:** \$75

**Non-Members & Guests:** \$100

**Students:** \$50 (limited to first 25 students who register by 5/17)

Pay now via credit card online (via PayPal). Go to: [Pay Now](#).

Checks: [Download](#) registration form. Must be received by 5/10.

Questions: [info@aiche-metrony.org](mailto:info@aiche-metrony.org)

Organized by the Metro New York Section, American Institute of Chemical Engineers.

Register / Pay via Credit Card at the AIChE, Metro NY webpage: [www.aiche-metrony.org](http://www.aiche-metrony.org)

This year's conference will focus on the different impacts of climate change and extreme weather. To some, it is a series of challenging problems to solve; to others, an opportunity for innovative companies to succeed in a changing new world.

- What Can Be Agreed Upon
- What Implications will Climate Change Have on

Water Issues (Drinking Water / Sea Levels / Drought Conditions) and Air Issues (Reducing Greenhouse Gases / The Impact of Shale Gas on the Energy Mix ) and Food Issues (New Seeds).



Organized by the Metro New York Section, AIChE



Co-Sponsored by the ASME, Metropolitan New York Section



# Challenges and Opportunities in Climate Change

## **Conference Program, as of May 2nd:**

7:30 am - Registration / Continental Breakfast

8:30 am - Welcome and Introduction

8:45 am - Session 1 - Climate Drivers and Climate Impacts

Presenter: Dr. Gavin A. Schmidt, Climate Scientist, NASA Goddard Institute for Space Studies and also with the Paleoclimate Group at the Center for Climate Systems Research, Columbia University.

9:50 am - Session 2 - Monitoring Climate Change on Long Island Sound - The development and implementation of a climate change monitoring program for an urban estuary and its ecosystems

Presenter: Sarah Deonarine, New York Coordinator of the Long Island Sound Study.

10:55 am - Session 3 - Reducing Greenhouse Gas (GHG) Emissions - The Path Forward in the Near Term to Meet Global GHG Emission Reduction Goals...and Enhance U.S. Energy Security

Presenter: Edward L. Helminski, President & Publisher, ExchangeMonitor Publications & Forums, Inc.

11:45 am - Networking Lunch (1 hour)

12:45 pm - Session 4 - Smoke and Mirrors: Is Geoengineering a Solution to Global Warming?

Presenter: Dr. Alan Robock, Professor II, Rutgers University, Dept. of Environmental Sciences, School of Environmental and Biological Sciences.

1:50 pm - Session 5 - Climate Risk Assessment and Adaptation Planning: Ensuring Services in R.I.

Presenter: Hope Herron, Environmental Scientist at Tetra Tech.

2:55 pm - Session 6 - The Climate Change Challenge and How We Can Benefit

Presenter: Marc Karell, P.E., CEM, Founder and Principal, Climate Change & Environmental Services

3:45 pm - Concluding Remarks - Opportunities for Chemical Engineers

Presenter: Dr. Herbert W. Cooper, President, Dynalytics Corp., & Chair, Metro N.Y. Section, AIChE.

**Details:** <http://www.aiche-metrony.org>      **Reserve:** <http://www.aiche-metrony.org/ER13/Pay.html>