

Please join us for the second event in the series:

**Beyond Copenhagen:  
Scientific Perspectives on Adaptation and Sustainability**

*Co-Sponsored by the American Association for the Advancement of Science (AAAS),  
the Embassy of Sweden, and the Delegation of the European Commission*

The political climate on sustainability and global climate change issues in the United States has undergone a sea change this year as the world's governments look toward a post-Kyoto agreement on climate change mitigation. The U.S. Congress and Administration are focusing on policy solutions to curb carbon emissions and touting green jobs as an essential component for long-term economic growth. Most discussions center on the near term—preparing for the Copenhagen Climate Change Conference in December and in operationalizing economic recovery plans.

This seminar series will provide **scientific perspectives** to key sustainability and climate change policy issues that are still on the horizon and that lay beyond Copenhagen, particularly focusing on how the U.S. and Europe might adapt to changes in planetary water cycles. Each event will begin with an introduction that sets the discussion within a geopolitical context. Short presentations by both a European and an American scientist will be followed by a moderated discussion and Q&A session.

**Water & Urban Infrastructure**

Thursday, November 5, 2009

5:00 PM – 6:30 PM

A reception with light hors d'oeuvres will follow.

Hosted by the Embassy of Sweden

House of Sweden, Alfred Nobel Hall, 2900 K Street, NW, Washington DC 20007

Welcome: **Ambassador Jonas Hafström**, Embassy of Sweden  
Context: **Christian Borg**, Swedish Innovation Correspondent based in the US  
Panel: **Dr. Jonas Olsson**, Researcher, Environmental Hydrology, Swedish Meteorological and Hydrological Institute (SMHI)  
**Dr. David Major**, Senior Research Scientist, Columbia University Earth Institute, Center for Climate Systems Research

Science shows that climate change will impact water resources and put a strain on urban and land-based systems. Cases like extreme rainfall, runoffs, floods, and limited water supplies are major threats to urban infrastructure. Moreover, urban planners need to consider a predicted sea level rise for coastal developments and existing infrastructure. Much research involves predicting outcomes, build scenarios, and developing adaptation models. This event will explore how urban centers can adapt to prepare for these changes, presenting several examples:

- What evidence is there of changing water resources, a sea level rise and their extremes?
- What are the likely effects of these extreme events on urban infrastructure and planning?
- What are the current strategies to help to adapt to these changes?
- What are the remaining challenges?

Space is limited. To attend, RSVP to: [eva.ohlin@growthanalysis.se](mailto:eva.ohlin@growthanalysis.se)

***Mark your Calendars for:***

**The third and last event in the series *Beyond Copenhagen: Scientific Perspectives on Adaptation and Sustainability***

**Water & Marine Services**

Thursday, 3 December

Hosted by AAAS Center for Science, Technology, and Sustainability  
1200 New York Avenue, NW

***Previous Seminars in this Series:***

**Water & Agriculture**

Thursday, 1 October

Hosted by the Delegation of the European Commission

*Event summaries are available online at <http://sustainabilityscience.org/fall2009>*