

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Roundtable on Science and Technology for Sustainability October 27-28, 2010

Keck Center of the National Academies
500 Fifth Street, NW
Washington, DC

October 27 (Keck 100)

8:00 – 8:30 Breakfast available

8:30 – 9:15 **Welcome, Introductions and Meeting Goals** (Tom Graedel / Ann Bartuska, STS Roundtable Co-Chair)

Sustainability Linkages (Tom Graedel / Ann Bartuska, STS Roundtable Co-Chair)

9:15 – 9:30 *Review of Sustainability Linkages Approach* (Tom Graedel, Yale University)

9:30 – 9:35 *USGS Sustainability Initiative* (Marcia McNutt, U.S. Geological Survey)

9:35 – 9:40 *Introduction to Panel* (Ann Bartuska, U.S. Department of Agriculture)

9:40 – 10:10 *Land and Ecosystem Services* (Sally Collins, U.S. Department of Agriculture, retired)

10:10 – 10:40 *Land, Water and Climate Change Adaptation* (Steve Carpenter, University of Wisconsin-Madison)

10:40 – 11:00 Break

11:00 – 11:30 *Landscape Perspective on Conservation* (Virginia Dale, Oak Ridge National Laboratory)

11:30 – 12:00 *Open Discussion*

12:00 – 1:00 Working Lunch – *Sustainability News from Roundtable Members*

Current Activities (Ann Bartuska, STS Roundtable Co-Chair)

1:00 – 1:10 New Publication: *Pathways to Urban Sustainability: Research and Development on Urban Systems*, September 2010
Update: *Network for Emerging Leaders in Sustainability (NELS)*

1:10 – 1:25 *Pathways to Urban Sustainability: Lessons from the Atlanta Metropolitan Region:*
Workshop held September 30-October 1, 2010
(Glen Daigger, CH2M HILL)

1:25 – 1:40 *A Sustainability Challenge: Food Security for All:* First Workshop planned for February 16-17, 2011 and Second Workshop planned for May 2-4, 2011
(Per Pinstrup-Andersen, Cornell University)

1:40 – 2:00 *Incorporating Sustainability in the U.S. Environmental Protection Agency*
(Paul Anastas, U.S. Environmental Protection Agency)

2:00 – 2:15 Break

Research Agendas of University Sustainability Centers

2:15 – 2:30 *Overview / Part 1: Regional Focus* (Nancy Cantor, Syracuse University)

2:30 – 2:50 *Part 2: University: Multidisciplinary Focus* (Rick Shangraw, Arizona State University)

2:50 – 3:10 *Part 3: University: Business Focus* (Thomas Lyon, University of Michigan)

3:10 – 3:30 *Part 4: Federal Sponsor* (Nancy Grimm, National Science Foundation)

3:30 – 3:50 *Part 5: Federal Sponsor* (Lance Haworth, National Science Foundation)

3:50 – 4:10 *Part 6: Federal Sponsor* (Steven Koonin, U.S Department of Energy)

4:10 – 4:30 *Part 7: Private Sponsor* (Neil Hawkins, The Dow Chemical Company)

4:30 – 5:00 *Open Discussion*

6:00 – 6:30 **Reception – The Hunt Room, The Fairfax at Embassy Row Hotel**

6:30 – 8:30 **Working Dinner – The Whitehall Room, The Fairfax at Embassy Row Hotel**
(Speaker: Maureen Cropper, University of Maryland)

October 28 (Keck 100)

8:00 – 8:30 Breakfast available

8:30 – 8:45 *Welcome* (Tom Graedel)

8:45 – 9:00 *Issues in Science and Technology* (Kevin Finneran, National Research Council)

9:00 – 10:00 Breakout Discussions

- *International Initiative – Our Common Challenge, Part 2* (Glen Daigger, CH2M HILL) (Keck 100)
- *Roundtable Mission* (Leslie Carothers, Environmental Law Institute; Katie Hunt, The Dow Chemical Company) (Keck 101)
- *Integrating Social Scientists and Ecological Scientists for Sustainability* (B.L. Turner II, Arizona State University) (Keck 109)

10:00 – 10:15 Break

10:15 – 11:00 Report Back and Discussion of Breakouts

11:00 – 11:30 *Strategic Planning for Future Roundtable Activities* (Tom Graedel and Ann Bartuska)

11:30 pm **Wrap up** (Tom Graedel / Ann Bartuska)

12:00 pm **Adjourn**
Thank you and safe travels!

Please mark your calendars: The next meeting of the Roundtable on Science and Technology for Sustainability will take place on **May 4-6, 2011**.