

The Science-Policy Interface: Water and Climate Change, and the Energy-Water Nexus

**October 2, 2007
Washington, DC**

Workshop Agenda

8:30 Arrival

Opening

Host David Biette

9:00 Welcome and Introductions (David Biette)

9:15 Setting the Stage (Michael Horgan, Geoff Munro)

Session 1: Water and Climate Change

Chair Howard Alper

9:35 Context (Howard Alper)

9:45 State of the Science: Global Warming Impacts on North American Water Resources
(2 x 5-minute presentations followed by 20 minutes discussion)
- predicted future water availability and ecosystem impacts
(Jim Bruce, Bob Hirsch)

10:15 Break

10:35 Near-Term Strategies (3 x 5-minute presentations followed by 20 minutes
discussion)
- allocation efficiency (Rob de Loë)
- efficiency technologies (Ed Osann, Chandra Madramootoo and Isobel
Heathcote)

11:10 Big Picture Options (2 x 5-minute presentations followed by 20 minutes discussion)
(David Brooks, Bob Engelman)

11:40 General Discussion on Water and Climate Change (30 minutes)
- What are the water and climate change policy issues?
- What science is needed for policy in this area?

12:10 Lunch

Session 2: The Energy-Water Nexus

Chair Heather Munroe-Blum

1:00 Context (Heather Munroe-Blum)

1:10 The Energy-Water Nexus (4 x 5 minute presentations followed by 10 minutes discussion)

- energy used in the municipal, industrial and agricultural water sectors (Chandra Madramootoo and Isobel Heathcote)
- water used in electricity production (Paul Freedman)
- water used in fuel production (Jim Bruce, Tim Miller)

1:40 Near-Term Strategies (2 x 5 minutes followed by 20 minutes discussion)

- energy savings from water conservation and energy-saving water technologies (Alan Roberson)
- energy conservation/efficiency impacts on water use (Rick Findlay)

2:10 Break

2:30 Big Picture Options (2 x 5 minute presentation followed by 20 minutes discussion) (Rick Findlay, Tracy Mehan)

3:00 General Discussion on the Energy-Water Nexus (30 minutes)

- What are the Energy-Water Nexus policy issues?
- What science is needed for policy in this area?

3:30 General Discussion on Water Issues (50 minutes)

4:20 Next Steps

4:30 Adjournment