



## Selected highlights:

### THURSDAY

The World Climate Research Program Open Science Conference

Full Agenda: <http://www.wcrp-climate.org/conference2011/structure.html>

**Keywords:** policy, climate attribution, cryosphere, Europe.

### Morning Plenaries

**Climate policy (Susan Solomon, University of Colorado at Boulder).** Policy has long been challenged to ensure that instruments such as the Kyoto Protocol or carbon trading deal with the wide range of different greenhouse gases and aerosols that are changing the Earth's climate. A single basket for trading among forcing agents is incompatible with current scientific understanding.

**Extreme weather and climate change (Peter Stott, Hadley Centre).** The public often receives conflicting messages about whether extreme events can be linked to climate change. We advocate the development of a regular attribution service, responding soon after extreme weather events, with reliable information on the causes. The International Attribution of Climate-related Events (ACE) initiative is developing the science needed to underpin such a service.

### Afternoon Talks

Session B11: **Cryosphere and Climate.** Topics include sea ice changes, permafrost, Greenland. Plaza F.

Other sessions: Land Cover and Land Use Changes and their Impacts on Hydroclimate, Ecosystems and Society (B10, Plaza DE); Understanding Anthropogenic Climate Change in Terms of Processes and Feedbacks (B12, Plaza C).

### Posters

Regional highlight: **Europe.** Other topics include geoengineering, ocean circulation, ozone depletion, climate extremes. More: <http://www.wcrp-climate.org/conference2011/posters.html>