

SBSTA 40 Research Dialogue

Bonn, Germany
Saturday, 7 June 2014
3:00-6:00 pm

Agenda

3:00 – 3:10: Welcome and opening remarks (SBSTA Chair)

3:10 – 4:10: Recent Developments in Global Climate Information

- The global carbon cycle, extremes and droughts in dry environments (Arturo Sanchez-Azofeifa, IAI)
- Extreme events (Sybil Seitzinger, IGBP/ Vladimir Ryabinin, WCRP)
- Report from the Joint GCOS/ Global Observation for Forest Cover and Land Dynamics (GOFC/GOLD) Workshop on 'Observations for Climate Change Mitigation', Geneva, Switzerland, May 2014 (Carolin Richter, GCOS)
- New approaches in climate prediction for better adaptation: near-term prediction and high-resolution ensembles (Masahide Kimoto, Japan)

Q&A, interventions from the floor and discussion

4:10 – 5:10: Emerging Scientific Findings: The Polar Regions

- IPCC WGI findings on the polar regions: warming and polar amplification, permafrost, and sea ice changes (Paul Hezel, IPCC)
- IPCC WGII findings on the polar regions: ecosystem impacts of ocean warming and acidification (Hans-Otto Pörtner, IPCC)
- Assessing the social and economic impact of Arctic sea-ice loss. Update from the ICE-ARC project (Jeremy Wilkinson, British Antarctic Survey)
- New global biodiversity scenario analysis: showcasing win-win situations for climate and biodiversity (Sybil Seitzinger, IGBP, on behalf of DIVERSITAS)

Q&A, interventions from the floor and discussion

5:10 – 5:50: Needs for climate change research and developments in research-related capacity building

- Knowledge gaps identified in AR5 (Renate Christ, IPCC)
- The Regional Climate Centre for the Caribbean Institute of Meteorology and Hydrology (CIMH), launched in March 2014, supported by WMO (Carlos Fuller, Caribbean Community Climate Change Centre (CCCCC))
- Update about the new activities on climate change research & innovation in Horizon 2020 (Serena Pontoglio, European Commission, DG Research & Innovation)
- New capacity building programme for APN (Andrew Matthews, Asia-Pacific Network for Global Change Research (APN), Steering Committee)

Q&A, interventions from the floor and discussion

5:50 – 6:00: Closing remarks by the Chair