



Global Monitoring of Our Climate: The Essential Climate Variables

**UNFCCC COP15 - Copenhagen, Denmark
Thursday 10 December 2009
14:45 – 16:15, Room “Liva Weel”**

The side event will inform on efforts at the European Space Agency ESA and other space agencies responding to the needs of space based observation defined by GCOS with the ECVs. Observations from space provide unique information which greatly assists the successful understanding and management of climate change. They are input towards climate models, helping on the prediction of our climate and assisting in adaptation and mitigation activities. The event will conclude with the impact of climate change on individuals and practical examples of today's effort.

Chairman: Stephen Briggs (ESA – Head of EO Science, Applications and Future Technologies Department)
Opening of the session and general remarks

Carolyn Richter (GCOS – Director of GCOS Secretariat)
Essential Climate Variables and Systematic Observations

Olivier Arino (ESA – Senior Advisor)
Climate Monitoring from Space

Vicky Pope (WCRP / UK- MetOffice – Head of Climate Change Advice)
ECVs as Input to Climate Models and their Role for Model Verification

Jacqueline McGlade (EEA - Director)
Impact of Climate Change

Gilberto Camara (CEOS / INPE – Director)
Practical Efforts from CEOS Space Agencies for Climate Observations

Discussions

Refreshments will be served after the side event.

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