



- SIDE EVENT -

Terrestrial Essential Climate Variables for assessment, mitigation and adaptation

Thursday, 06 December 2007

20:00 - 21:30

Hydro room, Grand Hyatt Bali Hotel



Terrestrial Essential Climate Variables for assessment, mitigation and adaptation

Theme: GTOS reviews the importance of the 13 terrestrial Essential Climate Variables (ECVs) to address issues related to climate change, sustainable development, environmental management and meeting the objectives of the Millennium Development Goals (MDGs). Speakers will show how observations, methodologies and standards are being used to meet the needs of stakeholders.

Observations are fundamental to understand the causes of climate change, analyse the potential impacts, modelling of future scenarios, assessing risk and vulnerability, implement mitigation strategies, evaluate adaptation options and enable characterization of extreme events such as floods, droughts and heat wave.

Side Event Schedule

20:10 John Latham: Summarises GTOS activities and its support to UNFCCC. Highlights, with examples, the need for terrestrial observations for climate change assessment, mitigation and adaptation.

20:25 Martin Herold: Reviews the societal benefits from land cover and fire observations, and the availability of other data products and methodologies relevant to the UNFCCC.

20:40 Riccardo Valentini: Demonstrates, with CarboAfrica project as a practical example, the need for monitoring ECVs in scientific studies on climate change related issues and sustainable development.

20:55 Craig Beech: Peace Parks Foundation demonstrates how FAO applications, land cover and other observations as well as *in situ* verification techniques will allow for a rapid biomass estimation of the various land cover classes.

21:10 General Discussion

Buffet food and drink will be available



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