

## **GEO-VI Plenary side meeting, Carbon Community of Practice**

Nov 18<sup>th</sup> 2009, Washington DC, 9.30AM-12.30PM

Venue: Horizon A/RRB

The goal of this workshop is to discuss the options for integrating carbon cycle observations from a range of sources, both in situ and remotely sensed. We will address the goals of an assimilation system (understanding and quantifying carbon cycle processes, and monitoring emission mitigation activities at various scales) assimilation techniques and data requirements (spatial and temporal coverage, accuracy, access). Plans for international collaboration will be discussed.

### **Preliminary agenda**

- 09.30-09.40 Introduction and Global Carbon activities (*Mike Tanner, GEO Secretariat*)
- 09.40-09.45 Goals of the workshop and the GEO Carbon Community of Practice (*Roger Dargaville, Uni. Melbourne, Australia*)
- 09.45-10.00 Monitoring Greenhouse Gases from Space (*Takashi Moriyama, JAXA, Japan*)
- 10.00-10.15 Forest Carbon Tracking (*TBD*)
- 10.15-10.30 Terrestrial in situ observations including FluxNet (*Beverley Law, Oregon State University, USA*)
- 10.30-10.45 In situ atmospheric observations and NOAA Carbon Tracker (*John Miller, NOAA, USA*)
- 10.45-11.00 Integrated Carbon Observations System (ICSO – EU) and Carbon Cycle Data Assimilation System (*Peter Rayner, LSCE, France*)
- 11.00-11.20 Break
- 11.20-11.35 An IPCC perspective on Carbon Observations (*Hoesung Lee, IPCC Vice Chair*)
- 11.35-12.30 Some general Model and Integration topics - all  
Contribution to policy decision  
Discussion for the way forward, international collaborations
- 12.30-13.30 Lunch and continued discussions