

Task CL-02 Working Meeting
“Global Carbon Observations and Analysis”
Geneva, 3-4 October 2013
(GEO Secretariat HQ, WMO Building, 7bis rue de la Paix)

Agenda

3 October

Morning

09.00 – Welcomes by GEO Secretariat

09.10 – GEO & GEOSS (E. Volden)

09.30 – The GEO Global Forest Observation Initiative (O. Ochiai)

09.50 – GEOCARBON project and GEO Task CL02 (A. Bombelli)

10.10 Coffee Break

10.30 – Presentations on the different GEOCARBON components¹

12.30 Lunch

Afternoon

14.00 – Presentations from each meeting participant about their work relevant to Task CL02¹ (10 minutes each)

Session on satellite observations:

- K. Shiomi: Status of the GOSAT project - L1 and higher products improvements through calibration and validation activities
- D. Crisp: A Preview of the OCO-2 spatial and temporal sampling strategy
- S. Plummer: The ESA Climate Change Initiative (CCI)
- M. Buchwitz: Global CO₂ and CH₄ from space: The GHG-CCI project of ESA's Climate Change Initiative
- K. Bowman: The potential contribution of the NASA Carbon Monitoring System Flux (CMS-Flux) project to an Integrated Carbon Cycle Observation and Analysis System
- R. Imasu: Inverse analysis of CO₂ emissions from a mega-sized city using satellite and in situ observation data

Discussion topic: Calibration and validation requirements for combining ground- and space-based carbon climate data records.

15.30 – Coffee Break

16.00 – Presentations from each meeting participant about their work relevant to Task CL02¹ (continuing)

- H. Kondo: Summary of the discussion on “CL-02 task in Japan” at JpGU session
- S. Murayama: AIST activities in the frame of GEO
- N. Saigusa: Monitoring of greenhouse gas concentrations and their surface fluxes in the atmosphere, ocean, and terrestrial biosphere in Asia and the Pacific regions
- B. Pfeil: Ocean observations and the ICOS project
- T. Tanhua: short presentation of the IOCCP and on how IOCCP can interact with the GEOCARBON group
- W.S. Heaps: A new instrument to measure total CH₄ column
- O. Tarasova: GHG observations and analysis in the Global Atmosphere Watch Programme

¹ Briefly present your activities and main achieved and/or expected results, relevant to this meeting.

- D. K. Cahyono Agus "Carbon stock and their dynamics in tropical forest and Coal mining area in Kalimantan, Indonesia"

18.00 – Close of the first day

4 October

Morning

09.00 – Discussion on: How to improve coordination; Roles; Possible collaborations; Available datasets; Planning next activities; Establish the GEO Carbon Community of Practice; Elements needed for the design of an operational global carbon cycle observing system; recommendations dedicated to policy makers to be distributed at the next GEO Ministerial Summit.

10.30 Coffee Break

11.00 – Discussion² (continuing)

12.30 Lunch

Afternoon

13.30 – Wrap up and final remarks²

15.30 Close of the meeting

² Including the finalization of the list of recommendations dedicated to policy makers to be distributed at the next GEO Ministerial Summit.