

**GEO Climate Workshop:
Earth Observations for the Paris Agreement
13 June 2018, Geneva Switzerland**

PRE-SESSION (part of the GEO Symposium)

Tuesday, 12 June 2018

| Time | Topic | Chair: Mark Dowell |
|---|--|--------------------|
| GEO Symposium Session 7 – The Role of Earth Observations in Supporting the Paris Climate Agreement | | |
| 14:00-15:30 | <p>Earth observations are vital for effective policy compliance and decision making in the context of climate change mitigation and adaptation. While there is great potential for the GEO community to support the Paris Agreement, including in the mitigation, adaptation, and loss & damage arenas, it remains unclear how to provide concrete and immediate support.</p> <p>In this session, speakers from UN Framework Convention on Climate Change (UNFCCC) Secretariat, the Intergovernmental Panel on Climate Change (IPCC) and the Global Climate Observing System (GCOS) will share current needs and discuss opportunities for supporting the political process. The session will lay the basis for a climate workshop the following day which will enhance understanding of how Earth observations can support the implementation of the Paris Agreement, and explore paths towards a more integrated approach to understanding, monitoring and predicting climate processes across the GEO Work Programme</p> <p><i>Presentations (8-10 min), followed by Q&A</i></p> <ul style="list-style-type: none"> • Joanna Post, UNFCCC - Paris follow-up and systematic observations • Abdalah Mokssit, IPCC - Refinement of Guidelines for National GHG Inventories • Simon Eggleston, GCOS - Paris and evolving requirements of the global climate observing system • Lars-Peter Riishojgaard, WMO - WMO observing system contributions to monitoring the Paris Agreement • Joerg Schulz, CEOS/CGMS - Space agencies responding to the new requirements • Michel Rixen, WCRP - Grand challenges in climate research • Michael Sideris, IUGG - Earth Observation Applications and Challenges - The Geosciences/IUGG Perspective | |

WORKSHOP
Wednesday, 13 June 2018

| Time | Topic |
|--|---|
| Session 1: Opening and stage setting | |
| Chair: Osamu Ochiai | |
| 9:00 – 09:20 | <i>Opening Remarks</i> <ul style="list-style-type: none"> • Barbara Ryan, GEO Secretariat Director |
| 09:20 – 10:30 | <i>National and regional perspectives (8-10 min presentations with Q&A)</i> <ul style="list-style-type: none"> • Simon Eggleston, GCOS – Report on GCOS Adaptation Workshop Fiji • Foster Mensah, CERSGIS, Ghana • John Remedios, National Center for Earth Observation, UK • Nobuko Saigusa, National Institute for Environmental Studies, Japan • Roland Hohmann, Federal Office of the Environment, Switzerland • Carl-Friedrich Schleussner, Climate Analytics |
| 10:30 – 11:00 | <i>Tea/Coffee</i> |
| Session 2 : Mapping GEO activities to Paris Agreement | |
| Chair: Osamu Ochiai | |
| 11:00 - 12:30 | <ul style="list-style-type: none"> • Han Dolman, Free University Amsterdam - GCOS report on climate observations for the Paris Agreement (10 min) • Andre Obregon, GEO Secretariat - Results of GEO Work Programme mapping exercise (10 min) • Lightning talks by selected GEO Work Programme activities (5 min each) <ul style="list-style-type: none"> ○ Virginia Burkett, USGS – Global Forest Observation Initiative (GFOI) ○ Han Dolman, Free University Amsterdam - GEO Carbon and GHG Initiative (GEO-C) ○ Sophie Seeyave, POGO - GEO Blue Planet: Oceans and Society ○ Ian Jarvis, GEO Secretariat – GEO Global Agricultural Monitoring (GEOGLAM) ○ Angelica Gutierrez, NOAA – GEO Global Water Sustainability (GEOGLOWS) ○ Daniele Ehrlich, JRC - GEO Human Planet Initiative ○ Jean-Noel Thepaut, ECMWF - Copernicus Climate Change Service ○ Thierry Ranchin, MINES ParisTech - GEO Vision for Energy • Discussion (30 min) |
| 12:30 – 13:30 | <i>Lunch</i> |

| Session 3: Gap analysis and opportunities | | Chair: Mark Dowell |
|--|--|---------------------------|
| 13:30 – 15:00 | <p><i>Panel discussion to identify current gaps and opportunities</i></p> <p>Moderator: Mark Dowell (EC)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Joanna Post, UNFCCC • Simon Eggleston, GCOS • Lars-Peter Riishojgaard, WMO • Joerg Schulz, CEOS/CGMS WG Climate • Jean-Noel Thepaut, ECMWF/Copernicus Climate Change Service • John Remedios, National Center for Earth Observation, UK • Carl-Friedrich Schleussner, Climate Analytics <p><i>Discussion with the audience</i></p> | |
| 15:00 – 15:30 | <i>Tea/Coffee break</i> | |
| Session 4: Open Discussion / Path forward | | Chair: Mark Dowell |
| 15:30 – 16:30 | <p><i>Discussion</i></p> <p><i>Developing outcome document:</i></p> <p>List of recommendations and actions</p> <p><i>Closing Remarks</i></p> <ul style="list-style-type: none"> • Gilberto Câmara, Incoming GEO Secretariat Director | |
| 16:30 | <i>Adjourn</i> | |

All workshop participants are invited to attend an Information Session for Permanent Missions in Geneva (17:00 – 18:00, Salle Obasi), followed by a Sushi Reception, courtesy of the Japanese Mission.