

## CEOS/CGMS Working Group Climate

### ECV Inventory Gap Analysis Workshop, EUMETSAT, Darmstadt, Germany

18-20 May 2022

#### Agenda

The meeting will be held in the upper floor of the Eastern Building (EB) in room 405. There will be break out rooms available on the afternoon of Day-1 and for the whole Day-2.

#### Day 1, 18 May 2022

- 09:30 *Arrival*
- 10:00 Welcome (Albrecht von Bargaen, DLR, WGClimate Chair and Jörg Schulz, EUMETSAT)
- 10:15 Introduction (Albrecht von Bargaen, DLR, WGClimate Chair)
- 10:30 WMO workshop: "The case for a coordinated Global Greenhouse Gas Monitoring Infrastructure" – first results (Lars-Peter Riishoojgaard, WMO)
- 10:50 The CEOS GST strategy: related variables and gaps (John Worden, NASA/JPL)
- 11:10 The CEOS GST strategy: AFOLU and biosphere variables (Osamu Ochiai, JAXA)
- 11:30 The CEOS GST strategy: Ocean variables (Paolo Cipollini, ESA) TBC
- 11:50 *Break*
- 12:00 Integrated system approach for the use of observations in Monitoring Verification Systems (MVS) (Richard Engelen, ECMWF)
- 12:20 Variables to constrain the carbon cycle for closure (John Worden, NASA/JPL)

- 12:30 The new GCOS Implementation Plan – ECVs related to carbon  
(Anthony Rea, GCOS)
- 12:50 *Lunch*
- 14:00 Details for the workshop discussions  
(which variables, ECV Inventory, workshop resources)  
(Jörg Schulz, Alexandra Nunes, EUMETSAT)
- 15:00 Organization of the gap analysis  
(e.g., forming splinter groups for atmosphere, ocean and land)
- 15:30 *Coffee Break*
- 16:00 ECV Analysis (one or two domains in parallel)
- 18:00 *Ad hoc “Icebreaker”*

### Day 2, 19 May 2022

- 09:00 Welcome back, coffee, discuss day 1
- 09:15 ECV analysis (one or two domains in parallel)
- 12:30 *Lunch*
- 14:00 ECV Analysis (one or two domains in parallel)
- 16:30 Wrap up Day 2
- 18:30 *Ad hoc Social Event*

### Day 3, 20 May 2022

- 09:00 Welcome back
- 09:15 Plenary: Reports from Day-2 and final discussion
- 10:45 Review of recommendations
- 11:45 Closing Remarks
- 12:00 *Lunch*

**End of Workshop**

### Side Meetings:

On Day-2 at 13:00 there will be an intermediate WGClimate meeting which will be conducted from the main meeting room (EB405). Please note that the attendance to this meeting is open to WGClimate members, only. People not attending this meeting should go to the break out room next door (tbt).

People who need to attend the CGMS-50 WG-II session on climate on Day-3 starting at 13:00 CEST can stay in the room, we will connect from there.

Additional information about ECV definitions and requirements can be found at the webpages of GCOS: [GCOS | WMO](#)

An example of a former Gap Analysis Report is also given on the CEOS webpage:

[WGClimate ECV-Inventory Gap Analysis Report v1.1 \(ceos.org\)](#)

### Meeting virtual link is as follows:

#### Day 1:

##### **Join from the meeting link**

<https://eumetsat.webex.com/eumetsat/j.php?MTID=m429334b9b35f502b04635fcd538acf3d>

##### **Join by meeting number**

Meeting number (access code): 2367 509 3075

Meeting password: wuZDCPyH763

##### **Tap to join from a mobile device (attendees only)**

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## Day 2:

### **Join from the meeting link**

<https://eumetsat.webex.com/eumetsat/j.php?MTID=m6ead3a19b27ea2db758f02f72b60378c>

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Meeting number (access code): 2361 266 9907

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## Day 3:

### **Join from the meeting link**

<https://eumetsat.webex.com/eumetsat/j.php?MTID=m0b8b7d091325e43a6b2135feaabee0d8>

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Meeting number (access code): 2363 061 8526

Meeting password: jgHj4MYx2a7

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