



Chair's Report

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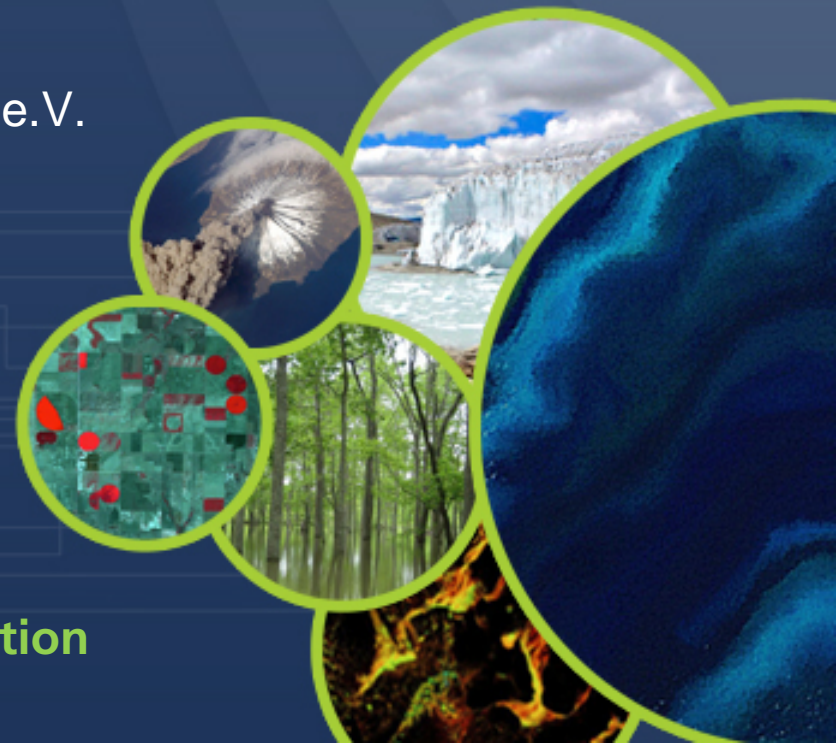
Agenda Item #

CEOS – WGCV Plenary #39

DLR, Berlin

May 06 - 08, 2015

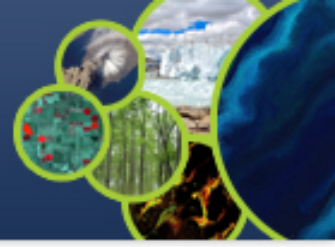
Working Group on Calibration and Validation





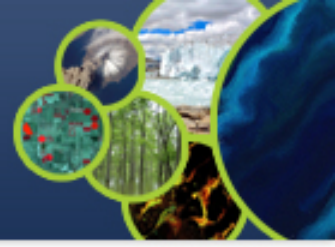
Motivation for our activities but also for the WGCV work structure

- The changing CEOS member agency needs, especially for new members and or changing mission portfolios and Earth Observation applications
- The requirements of the different new CEOS activities, including:
 - Support of the other CEOS Working Groups
 - Cooperation with the Virtual Constellations
 - The CEOS responses to task forces such as for Carbon (2013/14) or for the water cycle (WSIST, 2015)
 - New activities such as the sensor cross-cutting items such as DEMs, cloud masking, etc.



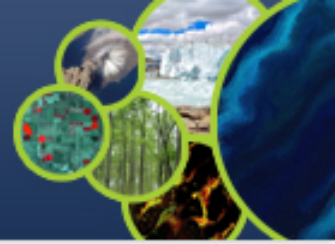
Outline

- Survey of Chair's activity
- Reporting with respect CEOS SEC, SIT and CEO
- Interaction with other CEOS entities
 - Working Groups
 - Virtual Constellations
 - Ad hoc Groups
 - Implementation Teams
 - Carbon Cycle
 - Water Cycle
- CEOS – WGCV Planning Meeting (February 2015)
- CEOS – SIT # 30 (March 31 – April 2, 2015)



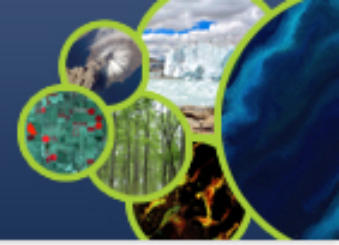
Organization

- Implementation of WGCV secretariat
 - Virtual PoC per e-mail
 - Currently secretariat under consolidation
 - Contract this summer will allow to initiate/support more activities
 - Transition of WGCV secretariat materials from CSA
- Goal for the coming period (until next meeting)
 - Secretariat more visible for whole WGCV
 - Set-up of an effective inter-plenary communication
 - Systematic search for additional interested members
 - Strengthening of a coordination “structure” with other CEOS entities



Survey about active WGCV membership

- Membership stable but can be extended
- Extension valuable to have also the critical mass for new activities
- Screening “strategy” for (associate) members:
 - Targeted search for possible candidates screening their “Cal/Val interests”
 - Set-up of “personalized” letters or direct contact
 - Special sessions addressing their needs for inclusion
 - Also combined effort with CEO/DCEO
- Possible grow in Asia / Pacific area
(Request by a near-future member for participation)
- Opportunities also in Europe
- Need to be complemented by sub-group & task group membership survey (**Note: AI from WGCV # 38**)
- [Comment: I am happy to welcome IOCCG now and JAXA again in 2016](#)

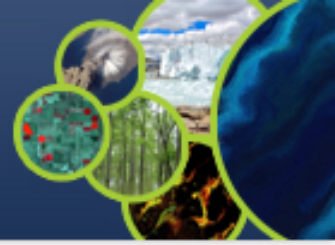


Reporting vs. CEOS-SEC / SIT and CEO

- Monthly telecon of CEOS-SEC (routine)
- Dedicated telecon of SIT team with chair and vice-chair about status, specific needs and proposals for coming UN-COP congress
- CEOS-SIT meeting: WGCV presentation
- Discussion about CEOS Work Plan 2015 - 2017 with CEO/SIT:

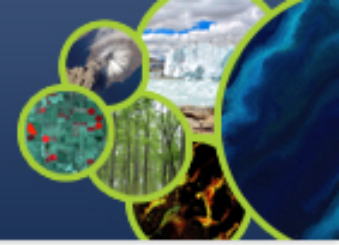
WGCV Chair team decided not to add / change any deliverable, because of the existing work load and the fact that those had to be agreed / synchronized with the WGCV.

**Note: Two discussions during the WGCV #39
-> Deliverables and Carbon tasks**



Interaction with other CEOS entities (I)

- In general, an interaction with another CEOS entity or outside CEOS shall be visible to all WGCV members and in good communication with the WGCV chairs.
- CEOS members are highly interested not to split or duplicate activities. Thus, the cooperation of VCs and WGs is currently on top!
- CEOS is based on best effort.
Analysis / Clarification of own contributions in a cooperation context is very helpful for resource optimization but also for resource finding.
- “Marketing” of own activities (two examples):
 - Presentation of Interaction with SST-VC (**progress reporting during WGCV 39**)
 - Presentation @ WG-Climate plenary in March 2015



Interaction with other CEOS entities (II)

- Very “burning” topics on the agenda
 - **The ingestion of Carbon action items in WGCV work plan**
 - **How do we interact with upcoming “Implementation Strategy Teams”, e.g. “water cycle”**
 - **The reorganization of the Land Surface Imaging Virtual Constellations**
- Systematic approach for upcoming topics for cooperation
 - What kind of topics in other CEOS entities can lead to an interaction with CEOS - WGCV?
 - Special session(s) with topic-driven agenda:
 - Presentation of entity
 - Presentation specials addressing the bridge to Cal/Val
 - **WGCV # 39 special session on Ocean Color**



CEOS – WGCV planning meeting (I)

- **Genesis**

- Cross-cutting topics since several WGCV plenaries on the agenda
- Need for activities identified but a direct implementation was difficult
- Agreed AI (WGCV 38) to set-up a planning meeting
- Thanks to Bojan Bojkov (ESA) a planning meeting was held in Feb 2015
- Invitation to chairs, sub-group leads and topic experts

- **Specific Meeting Mission**

To identify a road map considering boundary conditions for finding a most suitable recommendation how to make usage in *Earth Observation applications of*

- Digital Elevation Models (DEMs)
- Cloud masking
- Atmospheric correction

Most likely target: Recommendations shall be „inclusive“



CEOS – WGCV planning meeting (II)

- **General Meeting Mission**

- Identify an approach how to set-up the above mentioned road map
- Take advantage by being informed about existing approaches (SCOPE-CM, GEWEX)
- Discuss such approaches for each of these three activities
- Develop a generalized approach: task approach
- Keep in mind the CEOS cosmos including update cycles of work plans, cooperation with other entities, etc.. and synchronize / adopt to it

- **General outcome**

- Set-up of a roadmap for road map implementation of these activities
- Characterization / Definition of a “task approach” for such kind of activities
- Chairs and subgroup leads were obliged to think how to integrate in the ToRs (Question: Split of current work plan in ToRs and work plan)

=> **Agenda topics on Friday during WGCV #39**



CEOS – SIT meeting

- **Side meetings**

- LSI-VC re-implementation team (lead: Tom Cecere, USGS)
- Water Strategy Implementation Study Team (WSIST)
- Editorial Board Data Application Report (lead: JAXA)

- **General focus**

- CEOS participation in Climate Conference (July 2015, Paris) and COP-22 (December, Paris 2015)
- CEOS role in the generation of the GEO work plan
- WG / VC cooperation and specific VC / WG day
- ⇒ **Agenda topics on Friday during WGCV #39**
- ⇒ **GEO work plan!**
- CEOS WGCV: report about CEOS deliverables status and WGCV planning meeting