



# Results break-out session

CEOS-WCGV Planning Meeting

Radebeul

February 24-25, 2015



**Working Group on Calibration and Validation**



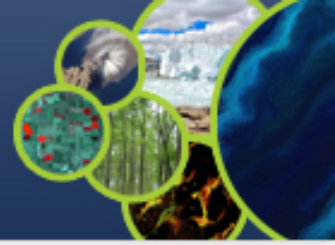
## Break-Out Session „Cloud-masking“

- Objective: What is a cloud (mask) for whom to which application
- Boundary conditions
  - Who to be addressed:  
“Cloud user group” or better “Process-oriented algorithm developer in terms of level 1-2”
  - What to be addressed:  
Definition of „cloud-free“/what is a cloud or better: the set of quantities (cf, cot, cth) providing you the parameterization space



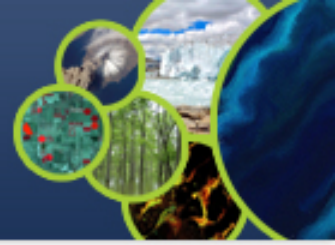
## Break-Out Session „Atmospheric correction“

- Objective:  
Providing the baseline (prerequisites) for the comparison of RTM in order to establish an advanced atmospheric correction
- Break down / What to do first
  - Common protocol for usage of AERONET data in RTM  
(Assumption: Aeronet quantities used as input)
  - May also applied to different networks (under question)
  - To be addressed first to land application but Moby may be included
  - Addressing the usage of RTM may initiate a starting point for the comparison of different RTM



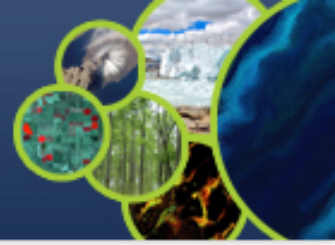
## Break-Out Session „Digital Elevation Model“

- Objective:  
To define validated solutions for geo-radiometric correction of EO data using Global DEMs
- Break down / What to do first
  - Identification of validated Global DEM (done)
  - Identification of .....



## What is our approach in WGCV to set up an activity / task

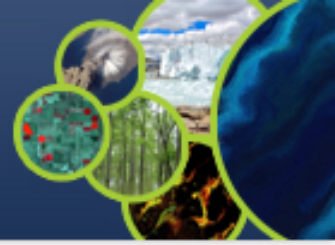
- Observation: activities mostly cross-cutting or from interest over several sub-groups but also different WGs and VCs
- Need to define clear tasks => „task force approach“
  - Limited set-up in task
  - Limited set-up in time frame (max. 24 months)
  - Task must not be necessarily identified with one sub-group
  - Task lead shall be identified first (which can be also a core team)
  - Task lead need not be member of WGCV but needs support/backing by an agency to express the conjunction to CEOS
- Task shall be first defined in a pre-phase which may/can include a workshop but shall not last longer than one period between two plenaries



## What is our approach in WGCV to set up an activity / task

Set-up of task team shall include

- „Go“ by the WGCV
- Pre-phase to elaborate a road map including schedule, milestones, and deliverables; and also possible contributions of the sub-group communities.
- Pre-phase carried out by nominated team lead (core team)
- Road map / implementation plan shall identify also the linkage to the WGs, VCs of CEOS or GEO CoPs if there are any related to
- Road map / implementation plan to be presented to WGCV plenary for „approval“
- Road map / implementation plan can make use of cooperation with other WGs and VCs in carrying out the task.
- Regular reporting
- Recommendation to CEOS with the start of the tasking (latest)
- Funding issues shall be sorted out (mostly) during the pre-phase.



## Set up on activity / task

General process / set-up reporting @ WGCV-39: A. von Bargaen, Kurtis Thome

## Set-up of three tasks providing road-map @ WGCV-39

### Cloud Masking

- Team Lead: Rainer Hollmann / Bojan Bojkov
- Core team: Tom Kopp (VIIRS / Aerospace Omaha), Rene Preusker, JP Muller  
others to be nominated

### Atmospheric Correction

- Team Lead: Bojan Bojkov / Eric Vermote
- Core team: Rene Preusker, Jürgen Fischer, others to be nominated

### Digital Elevation Model

- Team Lead: JP Muller / Dean Gesch (USGS)