



# Task 1 (Cloud Masking)

# Task 2 (Atmospheric Correction)

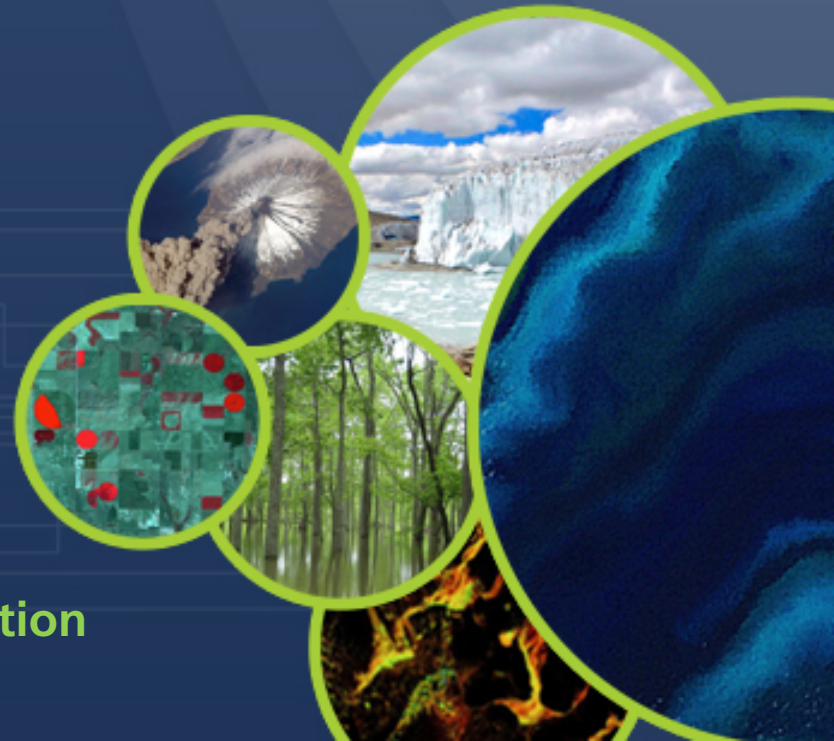
B. Bojkov (ESA)

CEOS WGCV-39

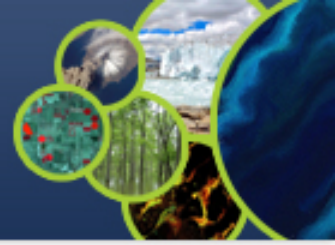
DLR, Berlin, Germany

5-8 May, 2015

**Working Group on Calibration and Validation**



1. Setup a task-group which is representative of the community, and specifically addresses issues relevant to 2 or more WGCV sub-groups
2. The tasks are to be co-chaired by one external expert (to WGCV) and one WGCV member, who will organise the task and reports to the CEOS/WGCV plenary
  - Cloud masking: R. Hollmann (DWD), B. Bojkov\* (ESA)
  - Atmospheric Correction: E. Vermote (NASA), B. Bojkov\* (ESA)
3. The task-group co-chairs will provide a workplan by WGCV-40 that defines:
  - the task's objectives
  - the task's schedule
  - the task's deliverables



## **Cloud masking task objectives:**

1. Define the nomenclature, i.e. What is cloud-free? What is a cloud?
2. Define what “mask” is suitable for what application/user

## **Atmospheric Correction objectives:**

1. Provide the prerequisites for the comparison of RTM in order to establish advanced atmospheric correction scheme(s)
2. Develop a protocol for use of AERONET data in RTM simulations
3. Focus initially on land comparisons, but also consider buoy data (i.e. MOBY, BOUSSOLE, etc.) for marine products

*(based on experiences of the ESA SnowPEX Satellite Snow Product Intercomparison and Evaluation Experiment)*

- Buy-in by the community – *need a community accepted “leader”*
- Availability of key experts – *need flexibility in planning of schedules and meeting locations*
- Endorsement/support by CEOS member agencies – *need multi-agency funding for participation, hosting, coordination*
- Schedule – *need a limited time-horizon with clear milestones (i.e. KO workshop followed by a close-out workshop)*