



WGCV-46 Welcome

C. Ong / A. Kuze

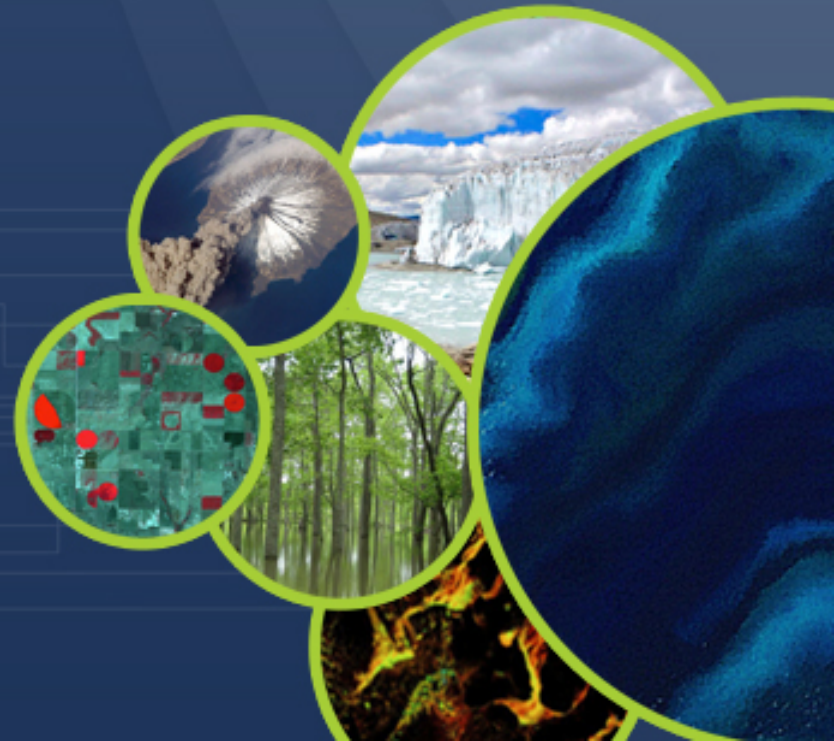
CSIRO / JAXA

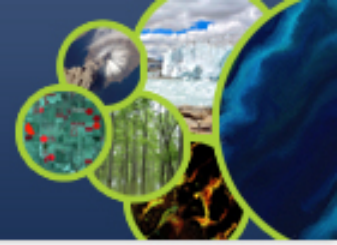
WGCV # 46

Virtual Meeting

May 11 & 15, 2020

Working Group on Calibration and Validation





AIM OF MEETING

- Presentation by WGCV Vice Chair candidate
- Track progress of workplan
- WGCV-47 virtual: response required
- WGCV-48 face-to-face: suitable time to be decided
- Any outstanding matters



WGCV-46 Virtual Meeting

Monday 11 May 2020

WGCV Business and Meeting Introduction

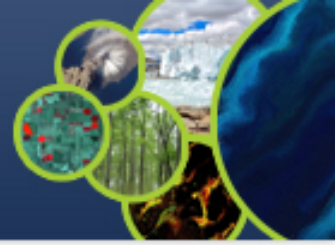
12:00 GMT	Chair/Vice Chair welcome, opening & agenda	C. Ong / A. Kuze
12:10	Vice Chair candidate presentation + Q&A	Philippe Goryl
12:40	Progress and updates on SAR Calibration inventory and joint use assessment + Q&A	Bruce Chapman
13:00	New WP: ocean surface vector wind standards and metrics + Q&A	Xiaolong Dong
13:20	Progress and updates on DEM Inter-comparison	Peter Strobl
13:40	Progress and updates on Vegetation Surface Reflectance Inter-comparison + Q&A	Fernando Camacho & Nigel Fox
14:00	Status of WGCV CARD4L Reviews	Medhavy Thankappan

14:20 Adjourn

Friday 15 May 2020

12:00 GMT	Progress and updates on GHG standards & ACVC reorganisation +Q&A	Bojan Bojkov
12:30	Progress and updates on Biomass Validation & biomass inter-comparison exercise 2 + Q&A	Fernando Camacho & Philippe Goryl
13:00	Workshop on state of the art pre-flight calibration techniques	Albrecht von Bargaen & Nigel Fox
13:20	Progress on cloud masking inter-comparison	Philippe Goryl
13:40	Other relevant CEOS initiative LSI-VC: terminology & industry engagement on ARD CEOS COAST	Nigel Fox Philippe Goryl

14:00 Adjourn



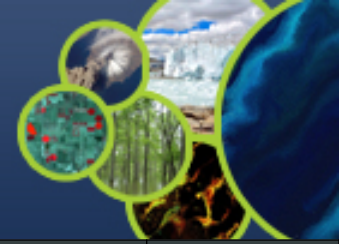
Presentation of WGCV Vice Chair candidate

- Outline of voting process
 - Doodle Poll will be sent to all voting members
 - Voting is to be anonymous – register as alias instead of own name
 - 2 weeks to vote

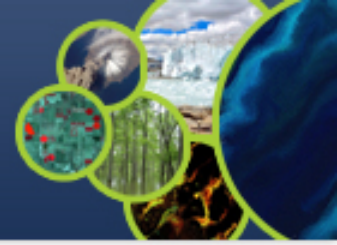




WGCV-46 Virtual Meeting



New Number	Old Number	Title	Status	Creation Year	Completion Date	Description	Responsible CEOS Entities	Person Responsible
CV-14-03	CV-3	Workshop on state of the art for pre-flight calibration techniques	Open	2014	2020 Q4	Hold an open-invitation workshop to discuss and promote best practices on pre-flight and onboard calibration of sensors, initially focusing on optical.	WGCV	Albrecht von Barga Nigel Fox
CV-16-02	CV-14	Report on application of approaches for cloud masking	Open	2016	2020 Q2	The WGCV task team "Cloud masking" will research different cloud masking approaches for different sensors and spectral areas in order to deliver a report about their findings including recommendations for the applications of cloud masking in EO applications.	WGCV	Philippe Goryl
CV-17-01	CV-15	L1 top-of-atmosphere interoperability	Open	2017	2019 Q4	Develop an initial recommendation of a community reference in collaboration with GSICS.	WGCV	Nigel Fox
CV-18-02	CV-18	Greenhouse gas reference standards for interoperability	Open	2018	2020 Q4	Develop list of reference standards for CO2 and CH4 products that are suitable for use in intercomparison of multiple missions	WGCV	Bojan Bojkov
CV-18-03	CV-19	Biomass validation protocols	Open	2018	2020 Q2	Development of an initial set of guidance for validation of biomass products using near-term missions such as NISAR, GEDI and BIOMASS		Fernando Camacho
FDA-18-05	FDA-12	Inventory of space data product formats used by CEOS agencies.	Open	2018	2020 Q2		WGCV	Kurt Thome
CV-20-01	CV-XX	Surface Reflectance measurements Intercomparison exercise for vegetation (SRIX 4Veg)	New	2020	2022 Q4	Intercomparison exercise for surface reflectance fiducial measurements for vegetation to test user-based differences in surface reflectance fiducial reference measurements (FRM) used for validation of current SR satellite products, and to ensure consensus on global SR validation protocols.	WGCV	Fernando Camacho
CV-20-02	CV-XX	Biomass Retrieval Intercomparison eExercise (BRIX-2)	New	2020	2021 Q4	BRIX-2 represents a joint effort to intercompare algorithms specifically for biomass mapping using current and future spaceborne missions (GEDI, NISAR and BIOMASS). These objectives shall be achieved by making available standardised test cases supported by the ESA/NASA MAAP (based on airborne campaign and spaceborne simulated data), inviting the scientific community to develop and apply retrieval algorithms based on this test case, and finally compare and evaluate the performance of submitted results. Two workshops will be conducted, the first one to define the exercise (in Jan/Feb 2021 - 1bc) and the second one to discuss the results. The evaluation will be done by ESA/NASA following the CEOS WGCV LPV guidelines. The outcome of the exercise will be published in peer-reviewed literature.	WGCV	Philippe Goryl
CV-20-03	CV-XX	DEMIX	New	2020	2021 Q4	Intercomparison of publicly-available DEM	EC, ESA	Peter Strobl, Clement Albinet
CV-20-04	CV-XX	SAR Calibration inventory and joint use assessment	New	2020	2021 Q4	Survey of inventory existing cal/val targets and sites, and evaluation of joint use capability	WGCV SAR	Bruce Chapman, Dirk Geudtner
CV-20-05		standards and metrics for scatterometers and wind retrievals		2020	2021 Q4	The standards and metrics for scatterometers and wind retrievals defines the standards and metrics to enable cross calibration as well as comparison between scatterometers and wind retrieval approaches, including development of guidelines and standards for calibration and validation of radar scatterometer for ocean surface winds, development and validation of algorithms and methods for scatterometer calibration using global ocean NWP data and natural terrestrial targets, development of metrics for quality of scatterometer and wind data products, and identifying and organizing data for calibration and cross-calibration of radar scatterometer for ocean surface vector wind. The main outcomes will be three international standards and framework for cooperation concerning the above scopes, and the protocol for virtual constellation cooperation endorsed by the CEOS WGCV.	WGCV	Xiaolong Dong
	CV-9	Radiometric Calibration Network (RADCALNET)	Open	2014		Establish an automated network via a multiagency project, including coordination infrastructure, and land-based test-sites for postlaunch traceable calibration of sensor radiometric gain, initially for	WGCV	Marc Bouvet



- Reminder: Vote for Vice Chair;
- Reminder: Presenters, please send me your ppts;
- Reminder: Vote for the dates of WGCV-47 virtual in July;
- Decision: Dates for face-to-face plenary WGCV-48 early 2021;

