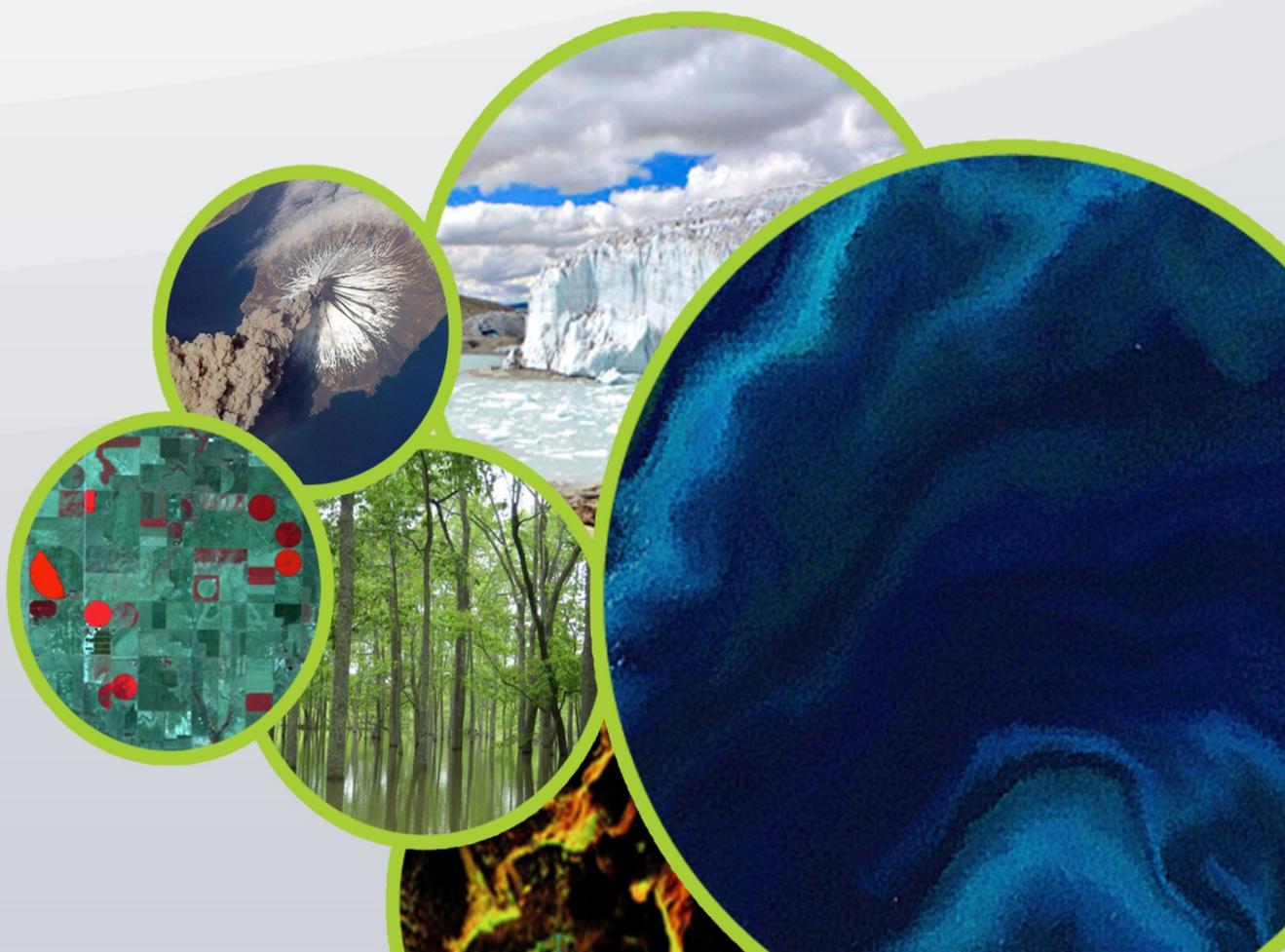




Committee on Earth Observation Satellites



**Working Group on Calibration and Validation**

**CEOS WGCV #45, Perth, Australia**

**Hosted by CSIRO**

**July 16-19, 2019**

**Agenda**

**Version 3.2 July 14, 2019**

## Monday 15 July 2019 Side Meetings

14:00 – 16:00	SAR super site discussion	B. Chapman, D. Geudtner
16:00 - 17:00	Surface Reflectance Task/WP	F. Camacho, Nigel Fox
17:00 - 18:00	LSI-VC discussion	M. Thankappan

### WEBEX INFORMATION MONDAY 15 JULY 2019

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Tuesday 16 July 2019		
08:30 Registration		
09:00 Convene		
<b>WGCV Business and Meeting Introduction</b>		
09:00	Chair/Vice Chair welcome and opening	C. Ong / A. Kuze
09:15	Tour de table	All
09:30	Logistics, OHSE & acknowledgement of country	I. Lau
09:45	Welcome from CSIRO and overview of EO in CSIRO	A. Held
10:15	Astronomy and Space Science in Western Australia	K. Ferguson
10:45 Break		
11:15	Meeting overview, goals, and agenda approval	C. Ong
11:30	WGCV Chair's Report – updates on CEOS WGCV activities since WGCV 44 including 32 <sup>nd</sup> CEOS Plenary & 34 <sup>th</sup> CEOS SIT meeting	C. Ong
12:00	CEOS Executive Officer Report including updates on the CEOS context (leadership, priority areas, etc.) and the new 2019-2019-2021 Work Plan	S. Hosford
12:30	WGCV deliverables for the new CEOS 2019-2021 Work Plan	C. Ong
13:00 Lunch		
<b>Australian Calibration and Validation activities</b>		
14:00	Terrestrial Ecosystem Research Network SuperSites	M. Karan
14:15	Australia Soil Moisture and Salinity Calibration and Validation and Soil Moisture Network	C. Ong
14:30	Australian Ocean Colour Calibration/Validation	D. Antoine
14:45	Australian Satellite Altimetry	B. Legresy
15:00	SAR Supersite	M. Thankappan
15:15	AeroSpan / AeroNet Network	I. Lau
15:30	A Guideline For Ground Surface Reflectance Validation Measurements and Uncertainty Quantification	T. Malthus
15:45 Break		
<b>Subgroup Reporting</b>		
16:15	IVOS Subgroup Report	N. Fox
16:35	LPV Subgroup Report	F. Camacho
16:55	MW Subgroup Report	X. Dong

17:15	SAR Subgroup Report	M. Thankappan for B. Chapman
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17:45 Adjourn

**WEBEX INFORMATION TUESDAY 16 JULY 2019**

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09:00 Convene

**WGCV Business**

09:00	Day 1 Summary	C. Ong
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**WGCV Interactions with other CEOS Working Group**

09:15	<p>LSI-VC &amp; CARD4L</p> <ul style="list-style-type: none"> <li>• Summary of recent progress</li> <li>• CARD4L assessments process</li> <li>• Broader CEOS ARD Strategy (SIT)</li> <li>• Discussion: WGCV feedback</li> </ul>	M. Thankappan / M. Steventon
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09:45	<p>AC-VC</p> <ul style="list-style-type: none"> <li>• summary of recent progress/activities</li> <li>• GHG white paper &amp; areas of collaboration with WGCV</li> </ul>	D. Crisp
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**Sub Group Reporting**

10:15	ACSG Subgroup Report & GHG gas reference standards for interoperability	A. Kuze
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10:45 Break

**WGCV Business – updates on progress and status of 2019-2021 Work Plan**

11:15	CEOS WGCV Work Plan Status	C. Ong
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11:30	LPV activities, CARB-16: Cal/Val and production of biomass products from CEOS missions; CV-19: Biomass validation protocols; CARB-23: Forest Biomass measurements for GFOI countries. Downwelling Radiation validation protocol	F. Camacho / Ian Grant
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12:10	CV-3: Workshop on state of the art for pre-flight calibration techniques	N. Fox / A. von Bargaen
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12:30	CV-14: Report on application of approaches for cloud masking	P. Goryl
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12:50 Lunch

13:50	CV-15: L1 top-of-atmosphere interoperability	N. Fox
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14:10	CV-17: Continental scale surface reflectance validation	M. Thankappan
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14:30	FDA-12: Inventory of space data product formats used by CEOS agencies.	K. Thome
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14:50	CV-09: Radiometric Calibration Network (RADCALNET)	N. Fox
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**Agency Reports**

15:10	ISRO	A. Misra
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15:25	CNES	P. Henry
15:45 Break		
16:15	ESA	P. Goryl
16:30	UKSA	N. Fox
16:45	NASA	K. Thome
17:00	USGS	G. Stensaas
17:15	JAXA	A. Kuze
17:30	CSIRO	A. Held / C. Ong

17:45 Adjourn

18:00 Dinner hosted by CSIRO at the Dutch Trading Company, Victoria Park (<http://thedutchtradingco.com.au/>)

## WEBEX INFORMATION WEDNESDAY 17 JULY 2019

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Thursday 18 July 2019		
09:00 Convene		
<b>WGCV Business</b>		
09:00	Day 2 Summary	C. Ong
<b>Agency Reports</b>		
09:15	BOM	I. Grant
09:30	GA	M.Thankappan
09:45	European Commission	P. Strobl
10:00	AOE	C. Li
10:15	NRSSC	X. Dong
10:30 Break		
11:00	NOAA	T-Y. Choi
<b>WGCV Open Task updates, progress and status</b>		
11:15	Cal/Val Portal update (CV42-03, 44-04, 06, 10, 11, 12) Consolidate inputs and finalise comments for cal/val portal in preparation for opening of new portal	P. Goryl for P. Castracane
11:35	DEM related topics (CV39-18, 19, 41-02, 42-11, 44-01, 02) Collate and consolidate information from various tasks and determine path forward including fit of new DEM tasks	K. Thome / P. Goryl
11:55	Terminology (CV-40-2) Update on current terminology in IVOS and WGCV and propose consolidation path forward	N. Fox / J Niekesson
12:15	MTF? (CV-42-05, 42-06) Progress on MTF site selection and estimation method	N. Fox
12:35 Lunch		
13:35	Outreach (CV-43-03,05) Update on progress made with different communities	K. Thome / C. Ong
14:45	Definitions (CV-43-03) Progress on a definition of validation supersites	K. Thome
<b>WG/VC collaborative efforts</b>		
15:00	WGClimate & AC-VC <ul style="list-style-type: none"> <li>summary of recent progress/activities collaborative efforts with WGCV &amp; AC-VC</li> </ul>	A. von Bargaen

15:30 Break

**WGCV/WGISS joint activities**

15:45	WGISS <ul style="list-style-type: none"> <li>• summary of recent progress/activities</li> <li>• collaborative activities with WGCV &amp; other WG, VC</li> </ul>	M. Albani
16:05	Data Formats and Interoperability in the framework of FDA <ul style="list-style-type: none"> <li>• Progress and current status</li> </ul>	M. Thankappan
16:25	Quality Indicators in Discovery Metadata <ul style="list-style-type: none"> <li>• Progress and some recent achievements</li> </ul>	N. Fox
16:45	CEOS Data Cubes & Test Site Data Access <ul style="list-style-type: none"> <li>• Progress and some recent achievements</li> </ul>	A. della Vechia
17:05	Standardization and Best Practices (e.g. ISO 19159-3) <ul style="list-style-type: none"> <li>• Progress and current status</li> </ul>	C. Ong

17:25 Adjourn

**WEBEX INFORMATION THURSDAY 18 JULY 2019**

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09:00 Convene

**WGCV Business**

09:00	Day 3 Summary	C. Ong
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**New Tasks, WP, Activities**

09:15	Proposal for SAR SuperSite / CARD4L assessment WP	M. Thankappan
09:35	Proposal for new SR task	F. Camacho / N. Fox
09:55	Proposal for DEM Quality Matrix Task	P. Strobl

10:25 Break

11:00	Proposal for DMIX Task	P. Strobl
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11:20	other new WP, activities, tasks???	
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11:40	Meeting Summary	C. Ong
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12:00	Future Directions and Meetings	C. Ong / A. Kuze
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12:30 Meeting Close

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