

WGCV-WGISS Joint Meeting Agenda

15 October and 18 October 2024

Sioux Falls, South Dakota, United States

Hosted by the United States Geological Survey (USGS)

Week at a Glance

Tuesday, Oct 15	Wednesday, Oct 16	Thursday, Oct 17	Friday, Oct 18
Joint WGISS-WGCV meeting <ul style="list-style-type: none"> ○ Opening Session ○ Agency Reports ○ Interoperability ○ Maturity Matrices ○ CEOS-ARD 	WGCV-54 meeting WGISS-58 meeting	WGCV-54 meeting WGISS-58 meeting	Joint WGISS-WGCV meeting <ul style="list-style-type: none"> ○ Interoperability ○ CEOS Analytics Lab, GCP Match Up Database and Radiometry Database ○ SI Traceable Satellites (SITSats) ○ Expressing Uncertainty Information, WGCV Cal/Val Portal, WGISS Connected Data Assets ○ Closing session, SITSat side meeting (TBC)
Welcome Reception 6 - 9pm Remedy Brewing Company	WGISS Dinner <i>Details TBD</i>	WGCV Dinner <i>Details TBD</i>	

Agenda

Day 1: Tuesday, October 15, 2024

Location: USGS EROS Auditorium (morning, sessions A&B); Training Rooms A/B (afternoon, sessions C&D)

Item	Topic	Presenter <i>*remote</i>	Time (CDT)	CET
Session A: Opening Session				
<ul style="list-style-type: none"> ○ <i>Welcome all to USGS Earth Resources Observation and Science (EROS) Center</i> ○ <i>Hear from the CEOS Executive Officer and Systems Engineering Office about cross-CEOS activities</i> ○ <i>Review progress from WGISS & WGCV</i> Moderator: Tom Sohre (USGS, WGISS Chair), Philippe Goryl (ESA, WGCV Chair)				
A.1	Logistics and Overview of Agenda	Tom Sohre (USGS, WGISS Chair) Philippe Goryl (ESA, WGCV Chair)	09:00	16:00
A.2	Welcome from USGS	Peter Doucette (EROS Director)	09:15	16:15
A.3	CEOS Executive Officer Report <ul style="list-style-type: none"> ➤ SIT Technical Workshop 2024 ➤ Work Plan Status ➤ CEOS Communications (40th Anniversary of CEOS) ➤ CEOS Organizational GitHub (on behalf of SEO) 	Steven Ramage (CEO)	09:30	16:30
A.4	WGISS Chair Report	Tom Sohre (USGS, WGISS Chair)	09:50	16:50
A.5	WGCV Chair Report	Philippe Goryl (ESA, WGCV Chair)	10:10	17:10
A.6	Discussion	All	10:30	17:30

Group Photo + Coffee Break			10:50	17:50
Session B: Agency Reports				
<ul style="list-style-type: none"> ○ <i>Hear from WGCV & WGISS Member Agencies about their developments in the areas of calibration, validation and information, systems and services</i> ○ <i>Discuss opportunities for multilateral collaboration</i> 				
Moderator: Tom Sohre (USGS, WGISS Chair), Philippe Goryl (ESA, WGCV Chair)				
B.1	ISRO	Nitant Dube*	11:15	18:15
B.2	JAXA ➤ Recent launches of EarthCARE and ALOS-4	Akihiko Kuze, Makoto Natsuisaka	11:30	18:30
B.3	NOAA	Slawomir Blonski	11:45	18:45
B.4	Geoscience Australia	Medhavy Thankappan	12:00	19:00
B.5	ESA	Mirko Albani	12:15	19:15
B.6	CNES	Hugo Fournier	12:30	19:30
B.7	Discussion	All	12:45	19:45
Lunch Break			13:00	20:00
Session C: Maturity Matrices				
<ul style="list-style-type: none"> ○ <i>How can we improve trust in data, and make sure data is fit for purpose?</i> ○ <i>Can we have data which is 'certified' against the matrices? Is it a self-assessment tool, or are we assessing and documenting our assessment?</i> ○ <i>Can we use a common format for each of these different matrices? Are the maturity levels and terminology the same across the board?</i> 				
Moderator: Tom Sohre (USGS, WGISS Chair), Philippe Goryl (ESA, WGCV Chair)				

C.1	WGCV Maturity Matrix	Philippe Goryl	14:30	21:30
C.2	WGISS Data Management and Stewardship Maturity Matrix (DMSMM)	Paolo Castracane (ESA/Starion) Iolanda Maggio (ESA/Starion)	14:40	21:40
C.3	Interoperability Maturity Matrix ➤ Concept and integration with other matrices	Nitant Dube (ISRO, WGISS Vice Chair)*	14:50	21:50
C.2	Discussion ➤ How can we improve the trust in data? ➤ How to engage the commercial sector?	All	15:00	22:00
Coffee Break			15:30	22:30
Session D: CEOS Analysis Ready Data (ARD)				
<ul style="list-style-type: none"> ○ Present recent developments with CEOS-ARD ○ Discuss any issues with the product assessment process 				
Moderator: Chris Barnes (USGS, LSI-VC Co-Lead), Medhavy Thankappan (GA)				
D.1	CEOS-ARD Progress ➤ 2024 CEOS-ARD Strategy ➤ CEOS-ARD Product Family Specification Update	Chris Barnes (USGS, LSI-VC Co-lead) Medhavy Thankappan (GA)	15:45	22:45
D.2	GitHub and modular approach to CEOS-ARD PFS ➤ Outcomes from LSI-VC-16 regarding approach & timeline ➤ Need for CEOS training materials on GitHub use	Chris Barnes (USGS, LSI-VC Co-lead)	16:00	23:00
D.3	Surface Reflectance Quality, Equivalency and Consistency ➤ Update on activity ➤ Relationship to WGISS Interoperability Handbook 2.0	Simon Oliver (GA)*	16:20	23:20

D.4	Discussion	All	16:40	23:40
Adjourn			17:00	00:00
Welcome Reception Remedy Brewing Company 18:00 - 21:00				

Day 4: Friday, October 18, 2024

Location: USGS EROS Training Rooms A/B

Item	Topic	Presenter <i>*remote</i>	Time (CDT)	CET
Session E: Interoperability				
<ul style="list-style-type: none"> ○ Review the CEOS Interoperability Framework and Roadmap as endorsed at the 2023 CEOS Plenary ○ Review progress on the CEOS Interoperability Handbook ○ Discuss contributions from WGCV for the Quality chapter of the handbook ○ Discuss the Vocabulary factor and work done to date on a Common CEOS dictionary. Discuss next steps for this topic. <p>Moderator: Nitant Dube (ISRO, WGISS Vice-Chair)</p>				
E.1	CEOS Interoperability Handbook v2.0 Status	Nitant Dube (ISRO, WGISS Vice-Chair)*	09:00	16:00
E.2	Quality Factor	Cody Anderson (USGS, WGCV Vice-Chair)	09:15	16:15
E.3	Common Dictionary/ Vocabulary ➤ WGCV Terms & Definitions Wiki	Peter Strobl (EC-JRC) Katrin Molch (DLR)*	09:45	16:45
E.4	Discussion	All	10:00	17:00
Coffee Break			10:30	17:30
Session F: CEOS Analytics Lab				
<ul style="list-style-type: none"> ○ Review the CEOS Analytics Lab (CAL) developed by the SEO ○ Discuss how the CEOS Analytics Lab could be used to support WGCV & WGISS work <p>Moderator: Philippe Goryl (ESA, WGCV Chair), Tom Sohre (USGS, WGISS Chair)</p>				

F.1	CEOS Analytics Lab ➤ Use cases ➤ Recent developments	Jonathan Hodge (SEO)*	10:45	17:45
F.2	GCP Match Up Database and Radiometry Database ➤ CEOS Analytics Lab use case	Peter Strobl (EC-JRC) Cody Anderson (USGS, WGCV Vice-Chair)	11:00	18:00
F.3	RADCalNet API ➤ Goal and Opportunities	Philippe Goryl (ESA, WGCV Chair)	11:10	18:10
F.4	Discussion	All	11:15	18:20
Session G: Joint WGISS/WGCV Topics				
○ <i>Other topics of interest to both WGISS and WGCV</i>				
Moderator: Philippe Goryl (ESA, WGCV Chair), Tom Sohre (USGS, WGISS Chair)				
G.1	SI Traceable Satellites (SITSats) ➤ Progress of SITSat Task Team	Nigel Fox (UK NPL, SITSat TT Co-lead)	11:25	18:45
G.2	WGCV Cal/Val Portal ➤ Areas for WGISS to support	Paolo Castracane (ESA/Starion)	11:45	20:45
G.3	Discussion: Expressing Uncertainty Information ➤ Can uncertainty information be standardized in metadata format?	Cody Anderson (USGS, WGCV Vice-Chair)	12:00	20:00
Lunch Break			13:00	19:00
G.4	WGISS Connected Data Assets Overview ➤ Recent changes	Damiano Guerrucci (ESA)	14:00	21:00

Session H: Closing Session

- *Review outcomes from the meeting*

Moderator: Philippe Goryl (ESA, WGCV Chair), Tom Sohre (USGS, WGISS Chair)

H.1	Joint meeting action review	Libby Rose (WGISS Secretariat)	14:30	21:30
H.2	Closing remarks ➤ Future meetings	Tom Sohre, Philippe Goryl	14:45	21:45
Adjourn			15:00	22:00
SITSat Task Team Side Meeting (TBC)				