



WGISS-58 Agenda v1.0

The CEOS Working Group on Information Systems and Services (WGISS) will hold its 58th meeting in Sioux Falls, South Dakota, USA, hosted by USGS, from 15 - 18 October, 2024.

Week at a Glance

Tuesday <i>Joint with WGCV</i>	Wednesday	Thursday	Friday <i>Joint with WGCV</i>
Opening Session Agency Reports Maturity Matrices CEOS-ARD	Collections Management AVHRR Other Data Preservation & Stewardship Topics	STAC Other Data Access Topics AI/ML Jupyter Notebooks	Interoperability Other joint topics Closing session
Welcome Reception 6 - 9pm Remedy Brewing Company	WGISS Dinner <i>Details TBD</i>		

Day 1: Tuesday 15th October, 2024

Joint meeting with WGCV.

Day 2: Wednesday, 16th October, 2024

Location: USGS EROS, Training Rooms A/B

Item	Topic	Presenter <i>*remote</i>	Time (CDT)	CET
Session 1: Opening Session				
<i>Moderator: Tom Sohre</i>				
1.1	Welcome & Review of Agenda ➤ Tour de table	Tom Sohre (USGS, WGISS Chair)	09:00	16:00
1.2	Data Preservation & Stewardship Interest Group (DSIG) Work Plan	Mirko Albani (ESA)	09:20	16:20
1.3	Data Discovery & Access Interest Group (DAIG) Work Plan	Damiano Guerrucci (ESA)	09:25	16:25
1.4	Data Interoperability & Use Interest Group (DIIG) Work Plan	Nitant Dube (ISRO, WGISS Vice-Chair)*	09:30	16:30
1.5	Technology Exploration Interest Group (TEIG) Work Plan	Yousuke Ikehata (JAXA)	09:35	16:35
1.6	Select Action Review	Libby Rose (WGISS Secretariat)	09:40	16:40
1.7	GEOSS Infrastructure Development Task Team ➤ Update on progress	Paola De Salvo (GEOSEC)*	10:00	17:00

➤ Areas for support from WGISS

Coffee Break			10:30	17:30
Session 2: Collections Management (DSIG)				
<i>Moderator: Mirko Albani</i>				
2.1	Session Introduction & Status of Collections Management Work	Mirko Albani (ESA)	10:50	17:50
2.2	Archiving Policy at ESA	Mirko Albani (ESA)	11:00	18:00
2.3	Archiving Policy at NOAA	Nancy Ritchey (NOAA)	11:10	18:10
2.4	Archiving Policy at DLR	Katrin Molch (DLR)*	11:20	18:20
2.5	Archiving Policy at JAXA	Yousuke Ikehata (JAXA)	11:30	18:30
2.6	Archiving Policy at USGS	Ryan Longhenry (USGS)	11:40	18:40
2.7	Collections Management Best Practice Review and Discussion (continued)	Mirko Albani (ESA), All	11:50	18:50
Session 3: Communications				
<i>Moderator: Tom Sohre</i>				
3.1	Discussion: Approval process for WGISS documents <ul style="list-style-type: none"> • Revision process 	Iolanda Maggio (Starion for ESA)/Tom Sohre (USGS, WGISS Chair)	12:30	19:30
3.2	Discussion: How to effectively communicate WGISS Activities?	Libby Rose (SEO Comms Team)	12:45	19:45

Lunch Break			13:00	20:00
Session 4: Heritage Datasets Recovery (DSIG)				
<i>Moderator: Mirko Albani</i>				
4.1	Status of AVHRR data recovery work	Mirko Albani (ESA)	14:00	21:00
4.2	FDR4AVHRR	Stefan Wunderle (University of Bern)*	14:20	21:20
4.3	Differences between AVHRR L1b/1c satellites products	Sergio Folco (Starion for ESA)*, Mirko Albani (ESA)	14:35	21:35
4.4	Australian AVHRR update	Matt Paget (CSIRO)*	14:50	21:50
4.5	Discussion	All	15:10	22:10
Coffee Break			15:30	22:30
Session 5: Other Data Preservation and Stewardship Topics				
<i>Moderator: Mirko Albani</i>				
5.1	NOAA Collection Metadata Editing Tool (CoMET)	Sarah Menassian (NOAA)*	15:50	22:50
5.2	WGISS DSIG Work Plan 2025-2027	Mirko Albani (ESA)	16:10	23:10
5.3	Software preservation White Paper - starting point for discussion	Iolanda Maggio (Starion for ESA)	16:20	23:20
5.4	Discussion	All	16:40	23:40



Adjourn	17:00	00:00
WGISS Dinner <i>Details TBD</i>		

Day 3: Thursday 17th October, 2024

Location: USGS EROS, Training Rooms A/B

Item	Topic	Presenter <i>*remote</i>	Time (CDT)	CET
Session 6: STAC Topics				
<i>Moderator: Doug Newman</i>				
6.1	Introduction to STAC in WGISS CEOS STAC Collection & Granule discovery BP	Doug Newman (NASA)	09:00	16:00
6.2	INPE STAC Catalog integration in FedEO	Yves Coene (Spacebel for ESA)	09:15	16:15
6.3	CEOS Service Discovery BP - STAC integration	Yves Coene (Spacebel for ESA)	09:25	16:25
6.4	ISRO STAC overview	T. Sai Kalpana (ISRO)	09:35	16:35
6.5	STAC Summit overview and outcomes	Chris Stoner (AWS)*	09:45	16:45
6.6	Discussion	All	10:00	17:00
Coffee Break			10:30	17:30
Session 7: Federated Authentication and Authorization				
<i>Moderator: Damiano Guerrucci</i>				
7.1	Introduction to Federated Authentication and Authorization <ul style="list-style-type: none"> ➤ What is meant by Federated Authentication and Authorization ➤ Results of DAIG survey 	Damiano Guerrucci	10:50	17:50

7.2	Integrity Provenance and Trust - OGC Testbed-20 Report	Yves Coene (Spacebel for ESA)	11:10	18:10
7.3	Federated Authentication/Authorization integration with INPE	Michael Morahan (KBR for NASA)	11:20	18:20
7.4	Identity Federations at DLR EOC	Ulrich Raape* (DLR)	11:30	18:30
7.5	Open Discussion ➤ Next steps for this topic within WGISS	All	11:40	18:40
Tour of EROS Facilities (Front Desk)			12:00	19:00
Lunch Break			13:00	20:00
Session 8: Technology Exploration				
<i>Moderator: Yousuke Ikehata</i>				
8.1	AI/ML White Paper ➤ Presentation on current status of AI/ML white paper ➤ Plan for endorsement ➤ Discussion about AI/ML ready data.	Yousuke Ikehata (JAXA)	14:00	21:00
8.2	Jupyter Notebooks Best Practices ➤ Final version for endorsement (for comment in advance?)	Ester Conway (STFC)*	14:30	21:30
8.3	Knowledge graphs	Ken Casey (NOAA)*	15:00	22:00
Coffee Break			15:30	22:30
Session 9: Challenges with Data in the Cloud				

<i>Moderator: Damiano Guerrucci</i>				
9.1	Review of CGMS Best Practices	Damiano Guerrucci (ESA), Matt Paget (CSIRO)*	15:50	22:50
9.2	Pain points identified by NASA	Doug Newman (NASA)	16:00	23:00
9.3	Digital Earth experiences	Alex Leith (Auspatious)*	16:10	23:10
9.4	Discussion ➤ Way forward for this topic	Damiano Guerrucci (ESA)	16:20	23:20
Session 10: Closing Session				
<i>Moderator: Tom Sohre</i>				
10.1	WGISS-58 Action Review	Libby Rose (WGISS Secretariat)	16:30	23:30
10.2	Closing Remarks ➤ WGISS representation at upcoming conferences	Tom Sohre (USGS, WGISS Chair)	16:45	23:45
Adjourn			17:00	00:00

Day 4: Friday 18th October, 2024

Joint meeting with WGCV.