



WGISS-58 Agenda v0.2

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	Collections Management	STAC	Interoperability
Agency Reports	AVHRR	Other Data Access Topics	Other joint topics
Maturity Matrices	Other Data Preservation & Stewardship Topics	AI/ML	Closing session
CEOS-ARD		Jupyter Notebooks	

Day 1: Tuesday 15th October, 2024

Joint meeting with WGCV.

Day 2: Wednesday, 16th October, 2024

Location: USGS EROS, Front/Back Half

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
Tour of EROS Facilities			12:30	19:30
Lunch Break			13:00	20:00
Session 3: Heritage Datasets Recovery (DSIG)				
<i>Moderator: Mirko Albani</i>				
3.1	Status of AVHRR data recovery work	Mirko Albani (ESA)	14:00	21:00
3.2	FDR4AVHRR	Stefan Wunderle (University of Bern)*	14:20	21:20

3.3	Differences between AVHRR L1b/1c satellites products	Sergio Folco (Starion for ESA)*, Mirko Albani (ESA)	14:35	21:35
3.4	Australian AVHRR update	Matt Paget (CSIRO)*	14:50	21:50
3.5	Discussion	All	15:10	22:10
Coffee Break			15:30	22:30
Session 4: Other Data Preservation and Stewardship Topics				
<i>Moderator: Mirko Albani</i>				
4.1	NOAA Collection Metadata Editing Tool (CoMET)	Sarah Menassian (NOAA)*	15:50	22:50
4.2	OAIS-Interoperability Framework	Iolanda Maggio (Starion for ESA)	16:10	23:10
4.3	Archive Technology Evolution White Paper reorganization	Iolanda Maggio (Starion for ESA)	16:30	23:30
4.4	Discussion	All	16:45	23:45
Adjourn			17:00	00:00

Day 3: Thursday 17th October, 2024

Location: USGS EROS, Front/Back Half

Item	Topic	Presenter <i>*remote</i>	Time (CDT)	CET
Session 5: STAC Topics				
<i>Moderator: Doug Newman</i>				
5.1	Introduction to STAC in WGISS CEOS STAC Collection & Granule discovery BP	Yves Coene (Spacebel for ESA) Doug Newman (NASA)	09:00	16:00
5.2	INPE STAC Catalog integration in FedEO	Yves Coene (Spacebel for ESA)	09:15	16:15
5.3	CEOS Service Discovery BP - STAC integration	Yves Coene (Spacebel for ESA)	09:25	16:25
5.4	ISRO STAC overview	T. Sai Kalpana (ISRO)	09:35	16:35
5.5	STAC Summit overview and outcomes	TBC	09:45	16:45
5.6	Discussion	All	10:00	17:00
Coffee Break			10:30	17:30
Session 6: Federated Authentication and Authorization				
<i>Moderator: Damiano Guerrucci</i>				

6.1	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
6.2	Integrity Provenance and Trust - OGC Testbed-20 Report	Yves Coene (Spacebel for ESA)	11:10	18:10
6.3	Federated Authentication/Authorization integration with INPE	Michael Morahan (KBR for NASA)	11:20	18:20
6.4	Identity Federations at DLR EOC	Ulrich Raape* (DLR)	11:30	18:30
6.5	Open Discussion <ul style="list-style-type: none"> ➤ Next steps for this topic within WGISS 	All	11:40	18:50
Session 7: Communications <i>Moderator: Tom Sohre</i>				
7.1	Discussion: Approval process for WGISS documents	Tom Sohre (USGS, WGISS Chair)	12:00	19:00
7.2	Discussion: How to effectively communicate WGISS Activities	TBC	12:10	19:10
Tour of EROS Facilities			12:30	19:30
Lunch Break			13:00	20:00
Session 8: Technology Exploration <i>Moderator: Yousuke Ikehata</i>				
8.1	AI/ML White Paper	Yousuke Ikehata (JAXA)	14:00	21:00

- Presentation on current status of AI/ML white paper
- Plan for endorsement
- Discussion about AI/ML ready data.

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

Moderator: Damiano Guerrucci

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)*	16:05	23:05
9.4	Discussion ➤ Way forward for this topic	Tom Sohre (USGS, WGISS Chair)	16:10	23:10

Session 10: Closing Session

Moderator: Tom Sohre

10.1	WGISS-58 Action Review	Libby Rose (WGISS Secretariat)	16:30	23:30
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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.