

WGISS-60 Agenda v1.0

The CEOS Working Group on Information Systems and Services (WGISS) will hold its 60th meeting in Oberpfaffenhofen, Germany, hosted by the German Aerospace Centre (DLR), from 13 - 17 October, 2025.

Week at a Glance

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Chair Meeting WGISS Administrative	Agency Reports EO Data Citation Guidelines Data Access	Data Management: Replica Datasets & Big Data Software Preservation	Interoperability Handbook and Maturity Matrix Interoperability Demonstrators	Closing session Digital Twins
PM	Opening Session Agency Reports	WGISS Connected Data Assets Biodiversity	Heritage Datasets Recovery AI/ML	Interoperability Demonstrators CEOS Common Dictionary	
Evening		Group Dinner at Brauhaus Herrsching			

Day 1: Monday 13th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

For connection details, please see the calendar invite (**registered participants only**).

Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Lunch			12:00	
Session 1: Opening Session <i>Moderator: Tom Sohre, Nitant Dube</i>				
1.1	Welcome & Review of Agenda ➤ Welcome from DLR ➤ Tour de table	Tom Sohre (USGS, WGISS Chair), Nitant Dube (ISRO, WGISS Vice-Chair)	13:00	07:00
1.2	Keynote from DLR	Christian Geiß (DLR)	13:20	07:20
1.3	CEOS Executive Officer Report	Steven Ramage (CEOS Executive Officer)*	13:50	07:50
1.4	SEO Report	David Borges (NASA, SEO)	14:05	08:05
1.5	Data Preservation & Stewardship Interest Group (DSIG) Work Plan	Mirko Albani (ESA)	14:20	08:20
1.6	Data Discovery & Access Interest Group (DAIG) Work Plan	Damiano Guerrucci (ESA)	14:25	08:25
1.7	Technology Exploration Interest Group (TEIG) Work Plan	Yousuke Ikehata (JAXA)	14:30	08:30
1.8	Data Interoperability & Use Interest Group (DIIG) Work Plan	Nitant Dube (ISRO, WGISS Vice-Chair)	14:35	08:35

1.9	Select Action Review	Libby Rose (WGISS Secretariat)	14:40	08:40
1.10	Living Planet Symposium: Key Takeaways for WGISS	Damiano Guerrucci (ESA)	14:50	08:50
	<i>Discussion/Buffer</i>		15:05	09:05
Group Photo + Coffee Break			15:15	09:15
Session 2: Agency Reports <i>Moderator: Tom Sohre</i>				
2.1	NASA	Katie Baynes (NASA)	15:45	09:45
2.2	NOAA	Ken Casey (NOAA)	16:00	10:00
2.3	JAXA	Makoto Natsuisaka (JAXA)	16:15	10:15
2.4	USGS	Tom Sohre (USGS)	16:30	10:30
2.5	UKSA	Robert Fletcher (UKSA)	16:45	10:45
2.6	CNES	Alice Andral (CNES)*	17:00	11:00
	<i>Discussion/Buffer</i>		17:15	11:15
Adjourn			17:30	11:30

Day 2: Tuesday, 14th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

For connection details, please see the calendar invite (**registered participants only**).

Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 2: Agency Reports (cont.) <i>Moderator: Tom Sohre</i>				
2.7	Geoscience Australia	Michael Wellington (GA)*	09:00	03:00
2.8	ISRO	Nitant Dube (ISRO)	09:15	03:15
Session 3: EO Data Citation Guidelines <i>Moderator: Mirko Albani</i>				
3.1	EO Collection Data Citation Guidelines - Introduction	Iolanda Maggio (ESA/Starion)	09:30	03:30
3.2	EO Collection Data Citation at WGISS Agencies	Iolanda Maggio (ESA/Starion)/All	09:40	03:40
Coffee Break & DLR Tour			10:00	04:00
Session 4: Data Access <i>Moderator: Damiano Guerrucci</i>				
4.1	Federated Authentication and Authorization (AuthN/Z) White Paper status	Filippo Marchesi (Solenix/ESA)	11:00	05:00
4.2	ESA-DLR Across repository data discovery, access and management	Ulrich Raape (DLR), Roberto Alacevich (ESA)*, Iolanda Maggio (Starion/ESA)	11:20	05:20

4.3	CWIC and STAC	Doug Newman (NASA)	11:50	05:50
4.4	EOEPCA Open Source EO Data Exploitation Platform	Richard Conway (Telespazio)*	12:10	06:10
Lunch Break			12:30	06:30
4.5	Discussion: Data in the cloud	Damiano Guerrucci (ESA) / All	13:30	07:30
Session 5: WGISS Connected Data Assets <i>Moderator: Damiano Guerrucci</i>				
5.1	WGISS Connected Data Assets Overview	Filippo Marchesi (Solenix/ESA)	14:00	08:00
5.2	FedEO Update	Yves Coene (ESA/Spacebel)	14:10	08:10
5.3	IDN Update	Doug Newman (NASA)	14:25	08:25
5.4	Data Assets Integration process - Use Cases	Yves Coene (Spacebel/ESA)	14:40	08:40
5.5	CSIRO Integration	Matt Paget (CSIRO)*	14:55	08:55
<i>Discussion/buffer</i>			15:10	09:10
Coffee Break			15:30	09:30
Session 6: Biodiversity <i>Moderator: Tom Sohre</i>				
6.1	Review of Biodiversity Study Team (BST) progress ➤ Recommendation to be presented to CEOS Plenary	Gary Geller (NASA/JPL, BST Co-lead)*	16:00	10:00
6.2	Discussion: Identifying CEOS Agency resources to fill gaps	Tom Sohre (USGS, WGISS Chair),	16:15	10:15

identified by BST

Gary Geller (NASA/JPL, BST
Co-lead)

Adjourn		17:00	11:00
Group Dinner at Brauhaus Herrsching		18:30	

Day 3: Wednesday, 15th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

For connection details, please see the calendar invite (**registered participants only**).

Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 7: Data Management - Replicas & Big Data <i>Moderator: Tom Sohre</i>				
7.1a	Replica Datasets: Introduction	Tom Sohre (USGS)	09:00	03:00
7.1b	Summary of WGISS-55 Data Replicas Discussion	Iolanda Maggio (ESA/Starion)	09:10	03:10
7.1c	DLR's Approach to Replica Datasets	Jonas Eberle (DLR)	09:20	03:20
7.1d	Replica Datasets: Discussion & Next Steps	All	09:30	03:30
7.2	Discussion: 'Big Data' ➤ What does this mean to WGISS ➤ Data next to compute	Robert Fletcher (UKSA)	09:50	03:50
Coffee Break			10:30	04:30

Session 8: Preservation Topics

Moderator: Mirko Albani

8.1	Data Collection Appraisal Procedures W CEOS EO Data Collection Appraisal Procedure.docx	Iolanda Maggio (ESA/Starion)	10:50	04:50
8.2	LSI-VC Framework to Support the Unlocking of Commercial EO Archives for the Public Good W Concept Note CEOS LSI-VC Unlocking EO Archives .docx	Maggie Arnold (Geoscience Australia, LSI-VC)*	11:05	05:05
8.3	CEOS Purge Alert Procedure	Mirko Albani (ESA)	11:30	05:30
8.4	NASA Archive Cloud Policy	Doug Newman (NASA)	11:45	05:45
<i>Discussion/buffer</i>			12:00	06:00
Lunch Break			12:20	06:20
8.5	Software Preservation White Paper Concept and Status	Iolanda Maggio (ESA/Starion)	13:20	07:20
8.6	OAIS reference Model and Typology of Archive - Use Cases	Iolanda Maggio (ESA/Starion)	13:40	07:40
Session 9: Heritage Dataset Recovery				
Moderator: Mirko Albani				
9.1	Status of AVHRR data recovery work	Mirko Albani (ESA)	14:00	08:00
9.2	Updated differences between AVHRR L1b/1c satellites products	Sergio Folco (ESA/Starion)*	14:20	08:20
9.3	CSIRO & Uni Bern AVHRR Project Alignment TBC	Matt Paget (CSIRO)*	14:30	08:30

9.4	Heritage Dataset Recovery	Sergio Folco (ESA/Starion)*	14:40	08:40
9.5	C3S Data Rescue Projects	Andrzej klonecki (SPASCIA, FR)*	14:55	08:55
9.6	EUMETSAT data rescue activities and creation of F(C)DR	Jörg Schulz (EUMETSAT)	15:10	09:10
<i>Discussion/buffer</i>			15:25	09:25
Coffee Break			15:30	09:30
Session 10: AI/ML <i>Moderator: Yousuke Ikehata & Maral Bayaraa</i>				
10.1	AI/ML White Paper Report ➤ Plan for endorsement by WGISS	Yousuke Ikehata (JAXA)	15:50	09:50
10.2	EO Advanced AI Assistant	Killian Perriot (ESA/Thales)*, Dorian Voydie (ESA/Thales)*	16:05	10:05
10.3	CORSA AI Compression for Terrascope Products	Bart Beusen (Terrascope)*	16:20	10:20
10.4	Supporting Weather and Climate Application Development with ML-Friendly Earth Observation Data	Jörg Schulz (EUMETSAT)	16:35	10:35
<i>Discussion/buffer</i>			16:50	10:50
Adjourn			17:00	11:00

Day 4: Thursday, 16th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

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Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 11: Interoperability Handbook and Maturity Matrix <i>Moderator: Nitant Dube</i>				
11.1	Session introduction	Nitant Dube (ISRO, WGISS Vice-Chair)	09:00	03:00
11.2	Vocabulary (Semantics)	Peter Strobl (EC-JRC, LSI-VC Co-lead)	09:10	03:10
11.3	Architecture	Alex Leith (SEO/Auspatious), Mirko Albani (ESA)	09:25	03:25
11.4	Interface	Damiano Guerrucci (ESA)	09:40	03:40
11.5	Policy	Nitant Dube (ISRO, WGISS Vice-Chair)	09:55	03:55
11.6	Maturity Matrices: Data Management & Stewardship, Cal/Val and Interoperability	Iolanda Maggio (ESA/Starion)	10:10	04:10
	<i>Discussion/buffer</i>		10:25	04:25
Coffee Break			10:40	04:40

Session 12: Interoperability Demonstrators

Moderator: Nitant Dube

12.1	WGCV demonstrator: Surface Reflectance Quality and Consistency	Medhavy Thankappan (GA, WGCV Vice-Chair)*	11:00	05:00
12.2	WGClimate Climate Data Record (CDR) Inventory Overview ➤ Discussion: WGISS support via tools & best practices ➤ Discussion: CDR Interoperability Demonstrator	Jörg Schulz (EUMETSAT), Alexandra Nunes (EUMETSAT)*	11:45	05:45

Lunch Break

12:30 06:30

Session 13: CEOS Common Dictionary

Moderator: Tom Sohre & Nitant Dube

13.1	Overview of CEOS Common Dictionary	Peter Strobl (EC-JRC), Dominik Weckmüller (EC-JRC)*	13:30	07:30
13.2	Review of tricky terms ➤ Term 1 ➤ Term 2	All	13:50	07:50

Discussion/buffer

14:10 08:10

Session 11: Interoperability Handbook and Maturity Matrix (cont.)

Moderator: Nitant Dube

11.7	Quality	Cody Anderson (USGS, WGCV Chair)*	14:30	08:30
11.8	Interoperability Handbook	Nitant Dube (ISRO, WGISS Vice-Chair)	14:50	08:50

- **Decision:** recommendation from WGISS to proceed with endorsement at CEOS Plenary

Discussion/buffer

15:00

09:00

Coffee Break

15:20

09:20

Session 12: Interoperability Demonstrators (cont.)

Moderator: Nitant Dube

12.3 Decision-ready data

Nitant Dube (ISRO, WGISS Vice-Chair)

15:40

09:40

12.4 Hawaii Supersite: activities, dataset, outcomes and lessons learnt from WGDIsasters

- Discussion: interface interoperability demonstrator

Antonio Montuori (ASI)*, Michael Poland (USGS)*, Stefano Salvi (INGV)*

16:00

10:00

12.5 Discussion: brainstorming other Interoperability demonstrators

All

16:30

10:30

Adjourn

17:00

11:00

Day 5: Friday, 17th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

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Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 14: Closing Session <i>Moderator: Tom Sohre</i>				
14.1	Communications Update	Libby Rose (WGISS Secretariat)	09:00	03:00
14.2	Action Review	Libby Rose (WGISS Secretariat)	09:15	03:15
14.3	Closing Remarks ➤ Future Leadership ➤ Future Meetings	Tom Sohre (USGS, WGISS Chair), Nitant Dube (ISRO, WGISS Vice-Chair)	09:45	03:45
Coffee Break			10:00	04:00
Session 15: Digital Twins <i>Moderator: Yousuke Ikehata / Maral Bayaraa</i>				
15.1	Harmonization of Mutli-Resolution Geospatial Data in GeoSpatial Digital Twin Framework	J.Narendran (ISRO/NRSC)*	10:20	04:20
15.2	Irish National Framework for Digital Twins	Alastair McKinstry (ICHEC)*	10:40	04:40
15.3	Discussion: What is the role of EO in Digital Twins? ➤ Scope of the White Paper	Maral Bayaraa (UKSA), Yousuke Ikehata (JAXA)	11:00	05:00
Adjourn / Lunch			12:00	06:00



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