

WGISS-60 Agenda v1.1

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**).

The bus will leave from [Hotel Seehof Herrsching](#) at **11:00 CEST**.
Ensure you bring your passport or EU identity card

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
1.5	Data Preservation & Stewardship Interest Group (DSIG) Work Plan	Mirko Albani (ESA)	14:10	08:20
1.6	Data Discovery & Access Interest Group (DAIG) Work Plan	Damiano Guerrucci (ESA)	14:15	08:25
1.7	Technology Exploration Interest Group (TEIG) Work Plan	Yousuke Ikehata (JAXA)	14:20	08:30

1.8	Data Interoperability & Use Interest Group (DIIG) Work Plan	Nitant Dube (ISRO, WGISS Vice-Chair)	14:25	08:35
1.9	Select Action Review	Libby Rose (WGISS Secretariat)	14:30	08:40
1.10	Living Planet Symposium: Key Takeaways for WGISS	Damiano Guerrucci (ESA)	14:45	08:50
	<i>Discussion/Buffer</i>		15:00	09:05
Group Photo + Coffee Break			15:15	09:15
Session 2: Agency Reports <i>Moderator: Tom Sohre</i>				
2.6	CNES	Alice Andral (CNES)*	15:45	09:45
2.3	JAXA	Makoto Natsuisaka (JAXA)	16:00	10:00
2.5	UKSA	Robert Fletcher (UKSA)	16:15	10:15
2.7	ESA	Mirko Albani (ESA)	16:30	10:30
2.8	ISRO	Nitant Dube (ISRO)	16:45	10:45
14.1	Communications Update	Libby Rose (WGISS Secretariat)	17:00	11:00
	<i>Buffer/Discussion</i>		17:15	11:15
Adjourn			17:30	11:30
<i>Bus departs 18:00 to Hotel Seehof Herrsching</i>				

Day 2: Tuesday, 14th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

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Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 2: Agency Reports (cont.) <i>Moderator: Tom Sohre</i>				
2.8	Geoscience Australia	Michael Wellington (GA)*	09:00	03:00
Session 3: EO Data Citation Guidelines <i>Moderator: Mirko Albani</i>				
3.1	EO Collection Data Citation Guidelines - Introduction	Iolanda Maggio (ESA/Starion)	09:15	03:30
3.2	EO Collection Data Citation at WGISS Agencies	Iolanda Maggio (ESA/Starion)/All	09:25	03:40
	<i>Buffer/Discussion</i>		09:45	03:45
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
4.4	EOEPCA Open Source EO Data Exploitation Platform	Richard Conway (Telespazio)*	11:50	05:50
	<i>Buffer/Discussion</i>		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
5.4	Data Assets Integration process - Use Cases	Yves Coene (Spacebel/ESA)	14:25	08:25
5.5	CSIRO Integration	Matt Paget (CSIRO)*	14:40	08:40
Session 7: Data Management - Replicas & Big Data <i>Moderator: Robert Fletcher</i>				

7.2	Discussion: 'Big Data' ➤ What does this mean to WGISS ➤ Data next to compute	Robert Fletcher (UKSA)	14:55	08:55
Coffee Break			15:40	09:40
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 identified by BST	Tom Sohre (USGS, WGISS Chair), Gary Geller (NASA/JPL, BST Co-lead)	16:15	10:15
Adjourn			17:00	11:00
<i>Bus departs 17:30 to Hotel Seehof Herrsching</i>				
Group Dinner at Brauhaus Herrsching			18:30	

Day 3: Wednesday, 15th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

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Item	Topic	Presenter <i>*remote</i>	Time (CET)	EST
Session 7: Data Management - Replicas & Big Data (cont.) <i>Moderator: Robert Fletcher</i>				
7.1a	Replica Datasets: Introduction	Libby Rose (WGISS Secretariat)	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
Session 8: Preservation Topics <i>Moderator: Mirko Albani</i>				
8.5	Software Preservation White Paper Concept and Status	Iolanda Maggio (ESA/Starion)	09:50	03:50
8.6	OAIS reference Model and Typology of Archive - Use Cases	Iolanda Maggio (ESA/Starion)	10:00	04:20
	<i>Buffer/discussion</i>		10:20	04:20
Coffee Break			10:30	04:30

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
	<i>Discussion/buffer</i>		11:45	06:00
Lunch Break			12:20	06:20
Session 9: Heritage Dataset Recovery <i>Moderator: Mirko Albani</i>				
9.1	Status of AVHRR data recovery work	Mirko Albani (ESA)	13:30	08:00
9.2	Updated differences between AVHRR L1b/1c satellites products	Sergio Folco (ESA/Starion)*	13:50	08:20
9.3	CSIRO & Uni Bern AVHRR Project Alignment	Matt Paget (CSIRO)*	14:00	08:30
9.4	Heritage Dataset Recovery	Sergio Folco (ESA/Starion)*	14:15	08:40
9.5	C3S Data Rescue Projects	Andrzej klonecki (SPASCIA, FR)*	14:30	08:55
9.6	EUMETSAT data rescue activities and creation of F(C)DR	Jörg Schulz (EUMETSAT)	14:45	09:10
	<i>Discussion/buffer</i>		15:15	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
<i>Bus departs 17:30 to Hotel Seehof Herrsching</i>				

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
	<i>Discussion/buffer</i>		10:10	04:10
	Coffee Break		10:30	04:30

11.7	Quality	Medhavy Thankappan (GA, WGCV Vice-Chair)*	10:50	04:50
Session 12: Interoperability Demonstrators <i>Moderator: Nitant Dube</i>				
12.1	WGCV demonstrator: Surface Reflectance Quality and Consistency	Medhavy Thankappan (GA, WGCV Vice-Chair)*	11:00	05:00
12.2	WGClim 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 <i>Moderator: Tom Sohre & Nitant Dube</i>				
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 ➤ Data Access Terms ➤ How to handle such controversial terms?	All	13:50	07:50
<i>Discussion/buffer</i>			14:10	08:10
Session 11: Interoperability Handbook and Maturity Matrix (cont.) <i>Moderator: Nitant Dube</i>				

11.6	Maturity Matrices: Data Management & Stewardship, Cal/Val and Interoperability	Iolanda Maggio (ESA/Starion)	14:30	08:30
11.8	Interoperability Handbook ➤ Decision: recommendation from WGISS to proceed with endorsement at CEOS Plenary	Nitant Dube (ISRO, WGISS Vice-Chair)	14:50	08:50
<i>Discussion/buffer</i>			15:00	09:00
Coffee Break			15:20	09:20
Session 12: Interoperability Demonstrators (cont.) <i>Moderator: Nitant Dube</i>				
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)*, Stefano Salvi (INGV)*	16:00	10:00
12.5	Discussion: brainstorming other Interoperability demonstrators	All	16:30	10:30
Adjourn			17:00	11:00
<i>Bus departs 17:30 to Hotel Seehof Herrsching</i>				

Day 5: Friday, 17th October, 2025

Location: DLR Oberpfaffenhofen, Building 122 , Room 0136 Einstein

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Session 14: Closing Session <i>Moderator: Tom Sohre</i>				
14.2	Action Review	Libby Rose (WGISS Secretariat)	09:00	03:00
14.3	Closing Remarks ➤ Future Leadership ➤ Future Meetings	Tom Sohre (USGS, WGISS Chair), Nitant Dube (ISRO, WGISS Vice-Chair)	09:20	03:20
	<i>Buffer/discussion</i>		09:30	03:30
Coffee Break			10:00	04:00
Session 15: Digital Twins <i>Moderator: Yousuke Ikehata / Maral Bayarara</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	Interactive Session on EO for Digital Twins ➤ Scope of the White Paper	Maral Bayaraa (UKSA), Yousuke Ikehata (JAXA)	11:00	05:00
Adjourn / Lunch			12:00	06:00
<i>Bus departs 13:00 to S-Bahn station Weißling</i>				

Presentations from NASA, NOAA & USGS

To cover later in the week, or at another time

2.1	NASA Report	Katie Baynes (NASA)
2.2	NOAA Report	Ken Casey (NOAA)
2.4	USGS Report	Tom Sohre (USGS)
4.3	CWIC and STAC	Doug Newman (NASA)
1.4	SEO Report	David Borges (NASA, SEO)
8.4	NASA Archive Cloud Policy	Doug Newman (NASA)
5.3	IDN Update	Doug Newman (NASA)