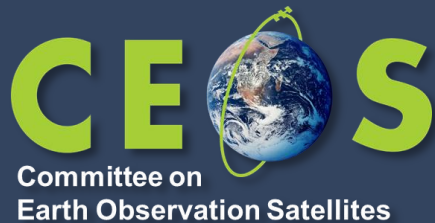


WGISS Chair Report



Nitant, ISRO
Agenda Item 1.8
WGISS-61 and WGDisaster-25
16-20 March, 2026
Dehradun, India

WGISS Organizational Structure



WGISS Principals

AEM: Adrian Guzman
CAS/AIR: Ziyang Li
CAS/NRSCC: Chuang Liu
CNES: Alice Andral
CONAE: Homero Lozza
CSA: Paul Briand
CSIRO: Matt Paget
DLR: Jonas Eberle
EC: Daniel Quintart
ESA: Mirko Albani
EUMETSAT: Michael Schick
GA: Michael Wellington
GISTDA: Panu Srestasathien
INPE: Lubia Vinhas
ISRO: Nitant Dube
JAXA: Makoto Natsuisaka
NASA: Katie Baynes
NOAA: Kenneth Casey
NSO: Raymond Sluiter
ROSCOSMOS: Tamara Ganina
UKSA: Robert Fletcher
USGS: Tom Sohre
VSNC: Vu Anh Tuan



Chair Nitant Dube,
ISRO



Vice-Chair Damiano Guerrucci,
ESA

Data Preservation and Stewardship Interest Group: Mirko Albani,
ESA

Data Interoperability and Use Interest Group: Nitant Dube, ISRO

Data Discovery and Access Interest Group: Damiano Guerrucci, ESA

- **IDN** Michael Morahan, NASA
- **FedEO** Damiano Guerrucci, ESA
- **CWIC** Minnie Wong, NASA

Technology Exploration Interest Group:

Yousuke Ikehata, JAXA
Maral Bayaraa

2025 Meetings



WGISS-59: Bangkok, Thailand

24 - 28 March 2025

Hosted by GISTDA



WGISS-60: Oberpfaffenhofen, Germany

13 - 17 October 2025

Hosted by DLR

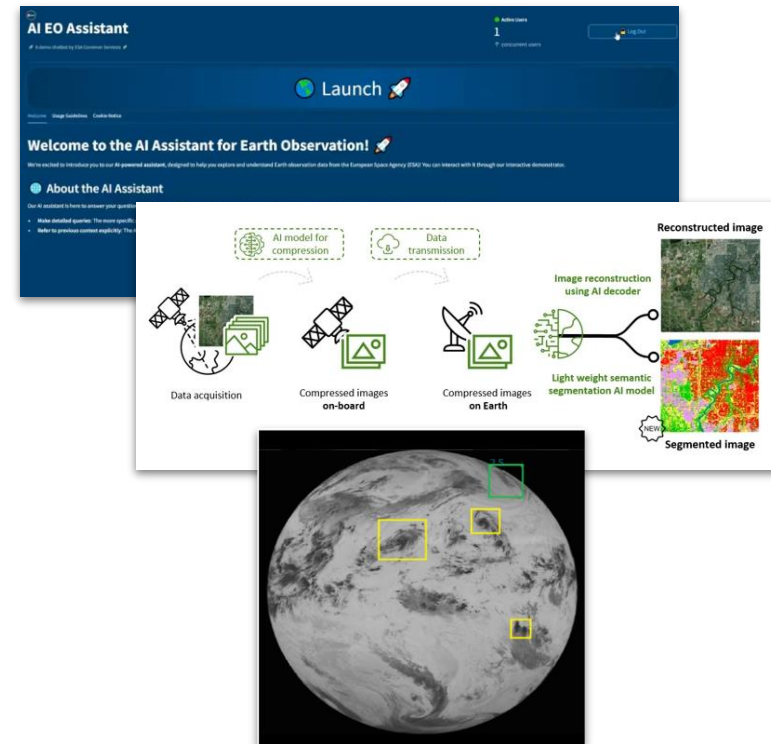
Joint Meeting with WGDisasters



WGDDisasters-WGISS Joint Meeting. Cordoba, Argentina, April 2023

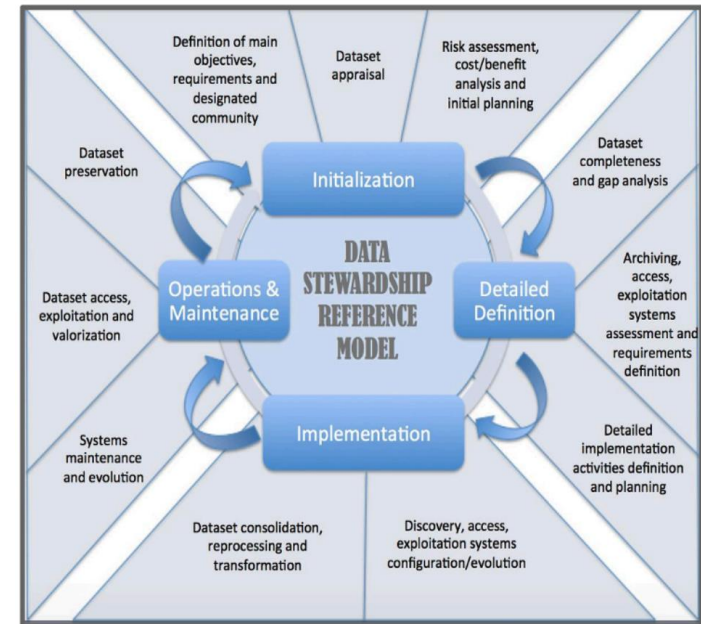
- ❖ AI/ML White Paper published [**DATA-23-01**]
- ❖ White Paper on EO Data Collections Management and Governance [**DATA-24-01**]
- ❖ White Paper on Software Preservation [**DATA-24-02**]
- ❖ Interoperability Handbook V 2.0 [**DATA-24-03**]

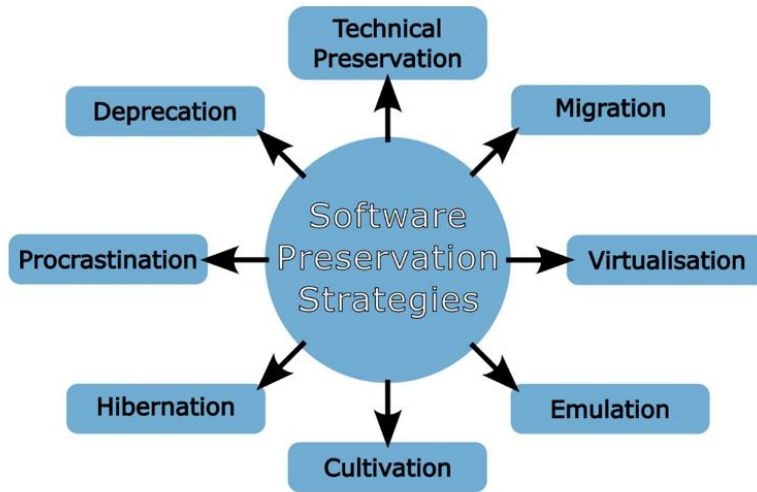
- ❖ Consolidation of Inputs by CEOS Agencies and EO community on use of AI/ML for EO applications at past WGISS meetings
- ❖ **AI/ML White Paper (Released on Github)**
- ❖ Will remain a 'living document', with frequent updates as the sector evolves



Shared Collection Lifecycle Management Principles for Earth Observation Data

- ❖ Published March 2025
- ❖ Describes a set of core EO collection lifecycle management principles shared by CEOS organisations
- ❖ Set of 16 Principles to provide guidance for data providers on the management of EO collections





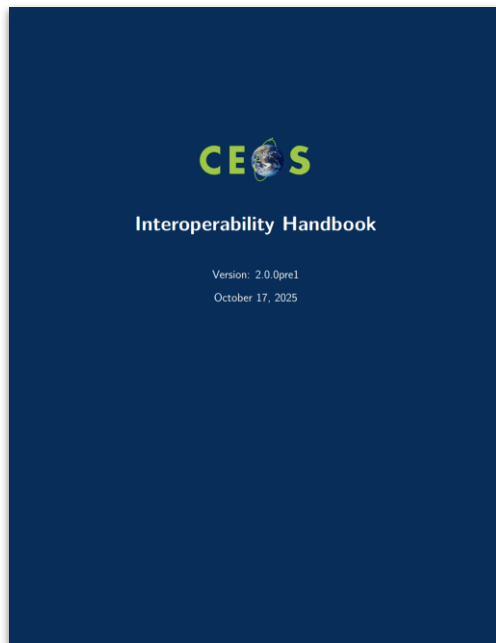
- ❖ If data is being preserved, any associated software should be preserved alongside it to maintain the data's maximum value
- ❖ Software Preservation White Paper released



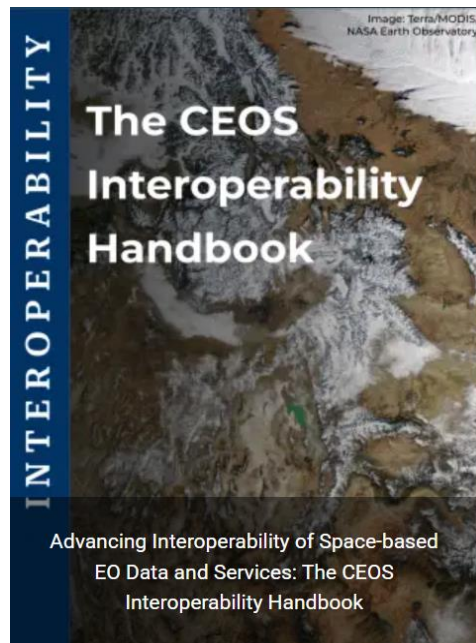
Interoperability Handbook v2.0



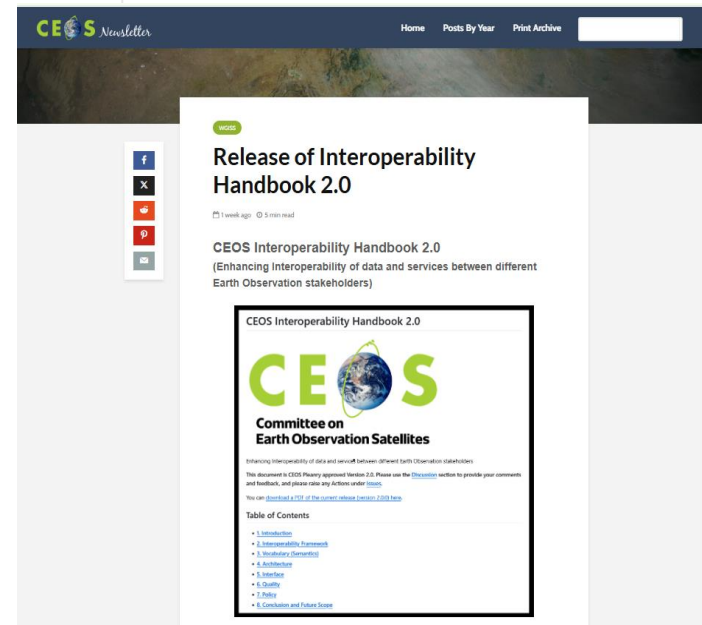
Work Plan Item DATA-24-03



https://ceos.org/document_management/Working_Groups/WGISS/Documents/CEOS-Interoperability-Handbook-v2.0.0.pdf



<https://ceos.org/news/interoperability-handbook/>



<https://earth.jaxa.jp/ceos-newsletter/2026/02/21/ceos-interoperability-handbook-v2-0/>

WGISS Deliverables (2026-2027)



DATA-26-01	EO Data Citation Guidelines	open	2026	2026 Q4	These guidelines will provide information on EO data citation approaches and procedures
DATA-26-02	Interoperability Maturity Matrix	open	2026	2026 Q4	The Maturity Matrix will help users to measure the maturity of Interoperability of data and services in their organizations
DATA-26-03	EO Data Provenance Guidelines	open	2026	2027 Q4	The information that documents the history of the data content. It describes the origin or source of the data content
DATA-26-04	White Paper on Federated Authentication and Authorisation Access	open	2026	2027 Q1	The White Paper on Federation is expected to present background information related to federated authentication and authorisation
DATA-26-05	White Paper on Digital Twins	open	2026	2027 Q3	This document will bring out the general concept of Digital Twins and its applications for Earth Observation Data
DATA-26-06	Resilience Interoperability Demonstrator on Supersites	open	2026	2027 Q4	Interoperability Demonstrator for NASA-SIT chair Priority-2, Connected Data for Community Resilience



Thanks

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