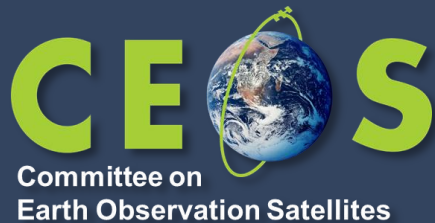


WGISS Future Activities Planning



WGISS, CEOS
Agenda Item 9.2
WGISS-61
16-20 March, 2026
Dehradun, India

- ❖ **2026-2027:** Interoperability Maturity Matrix, Interoperability Demonstrators
- ❖ **Possible Future Activities:**
 - Interoperable EO Data Work flows

❖ **2026-2027:**

- Federated Authentication and Authorization White Paper
- ARD and CDR data discovery
- Pilot with WGD for discovery (federation) of data sources (e.g. Supersites)
- Connect CEOS Analytic Lab to CDA
- Refresh of data access documentation (agnostic to Opensearch, migration to Gitlab)

❖ **Possible Future Activities:**

- Data in cloud, archival and data access/utilisation models, technology trends
- Interoperability (Interface factor?): use cases aiming at fusion of in-situ/satellite/auxiliary data
- Applying interoperability principles to DRD

❖ **2026-2027:**

- Data Citation and Data Provenance White Papers
- Heritage Data Recover work

❖ **Possible Future Activities:**

- Preservation Workflow (White Paper) - 2028
- Preservation “Business” Cases (White Paper) - 2029

❖ **2026-2027:**

- Digital Twins : start to write white paper and call for support.
- AI/ML : update by contents at joint session.

❖ **Possible Future Activities:**

- Big data :
 - on board processing and survey/discuss cloud/technology aspect.
 - Quantum computing & Edge computing(Interactive computing)
 - Autonomous computing(Agent framework for EO)