

WGISS - Data Discovery and Access

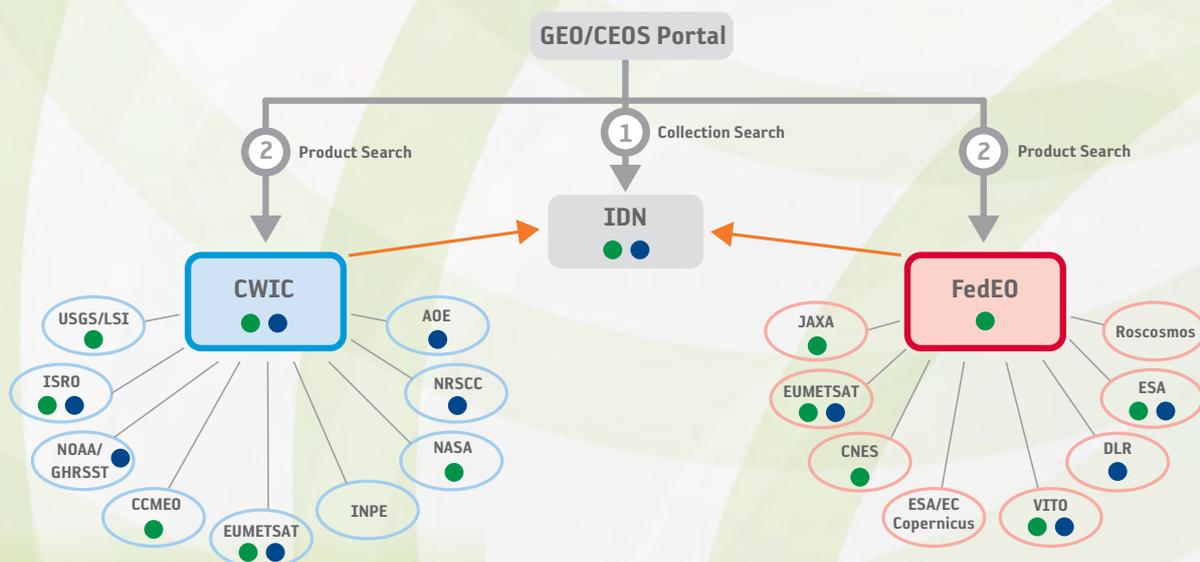
The WGISS Connected Data Assets Infrastructure (CDA) provides a single entry point for discovery and access to CEOS agencies' space data in the international context, including the Global Earth Observation System of Systems (GEOSS). It has been implemented via a joint effort among different agencies in the framework of the Working Group on Information Systems and Services (WGISS) and consists of the following elements:

- CEOS International Directory Network (IDN)
- Federated Earth Observation Gateway (FedEO)
- CEOS WGISS Integrated Catalog (CWIC)

The WGISS Connected Data Assets Infrastructure provides OpenSearch interfaces through FedEO and CWIC, which can be used by clients and portals to discover CEOS Agencies' data collections and to access the related data products ('granules'). In order to be discoverable and accessible through the WGISS Connected Data Access Infrastructure, a dataset need to be registered in the CEOS International Directory Network (IDN), and to implement the WGISS supported standard for catalogue discovery and access, CEOS OpenSearch.

WGISS CDA and its supported standards are today widely used to search and access data from thousands of collections and hundreds of millions of inventory records, with additional data collections and inventory records from CEOS Agencies being added daily to this integrated system. Several client portals (e.g. the GEOSS Platform and the ESA eoPortal) are operationally interfaced with the WGISS CDA.

The WGISS Connected Data Assets System Level Team provides coordination and oversight of the operations and evolution of this integrated system and also provides technical support for CEOS Agencies offering access to their data and for Client Partners offering client portals that access to this data.



<http://ceos.org/ourwork/workinggroups/wgiss/access>

● CEOS OpenSearch Best Practice
● OGC CSW

