

WGISS - Data Preservation and Stewardship

Earth observation data are unique snapshots of the condition of Planet of Earth at a specific point in time and constitute an asset that must be safeguarded against loss and kept accessible and usable for future generations. This becomes even more apparent considering the 40+ years of data available in Earth observation archives around the world – and the increasing demand for monitoring long-term variations in environmental parameters, which require long-time series of data. Moreover, with the advent of new, high-resolution Earth observation missions, data volumes are expected to grow significantly.

The Working Group on Information Systems and Services (WGISS)

accomplishes its data preservation and Curation efforts through the **Data Stewardship Interest Group (DSIG)**. In addition to data archiving, the DSIG mandate covers data and information consolidation and valorization aspect.

PRESERVATION

Long-term archiving approaches, system and media.

SHARING

Enabling the sharing of agency investigations, developments, experiences and lessons learned related to EO data stewardship.

STANDARDS

Drafting best practices and guidelines for data stewardship.

JOINT PROJECTS

Sponsoring technical exchanges and conducting joint activities and pilot projects on specific data valorisation and stewardship topics.



PRESERVE AND KNOW THE PAST



UNDERSTAND THE PRESENT



SHAPE AND ENABLE THE FUTURE



[http://ceos.org/ourwork/
workinggroups/wgiss/
preservation](http://ceos.org/ourwork/workinggroups/wgiss/preservation)

