ESDIS Standards Coordination Office (ESCO) Work Area

EOSDIS
NASA'S EARTH OBSERVING SYSTEM
DATA AND INFORMATION SYSTEM

This collaboration area contains materials related to the work of the ESCO (formerly ESO) and is subject to change as work progresses.

Visit the following pages on the Earthdata website for more information regarding standards at ESDIS:

ESDIS Standards Coordination Office Home

Standards Process: A description of the process for identification of appropriate standards and subsequent adoption for use in NASA Earth science data systems.

Standards and References: List of standards approved for use in NASA Earth Science Data Systems; Related Technical Information; standards under development; and references relevant to those standards.

Updates

New White Paper by the ESDIS Standards Coordination Office (ESCO): A Review of Options for Storage and Access of Point Cloud Data in the Cloud
Jenny Hewson posted on Feb 28, 2022
There has been a rapid expansion of point cloud data from such sources as ICESat, GEDI, etc., together with the increasing availability of cloud-based data storage and processing options offered through AWS, Google Cloud, Microsoft Azure, etc. Within this context, the ESDIS Standards Office (ESO) has performed a review of existing and emerging point cloud data formats, content organization schemes, and services to support this expanding arena.…

Standards at the ESIP 2020 Winter Meeting
Allan Doyle posted on Feb 13, 2020
There was a lot going on at the ESIP meeting in the area of standards activities. ESIP is not itself a standards body, but ESIP members are actively helping to develop standards, specifications, and best practices in the areas of data discovery and access, data analytics, and metadata content to name a few. At the winter ESIP there were presentations and working sessions diving into these topics: Open Geospatial Consortium (OGC) APIs for coverage data access https://external.opengeospatial.…

ⓘ **Contact**

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Purpose of the Wiki

This wiki is intended strictly for the use of sharing information about NASA Earth Observing Systems Data and Information System (EOSDIS) topics. For more information please click **here** .

We welcome your participation and comments within Earthdata Wiki.

Rules of Conduct

Earthdata Wiki is governed by the general rules of respectful civil discussion. EOSDIS may monitor any user-generated content as it chooses and reserves the right to remove content for any reason whatsoever, without consent. The following rules of conduct are to be followed when using the Earthdata Wiki. Breach of these rules will result in users loses privileges or being banned permanently.

Participation requires a valid Earthdata Login. Only approved NASA users and affiliates will be allowed to upload data. If a wiki space becomes dormant for a period of more than 2 years, ESDIS reserves the right to delete/remove it.

In order to maintain an environment where everyone is welcome and discussion flows freely, certain types of conduct are prohibited on Earthdata Wiki. Specifically restricted conduct includes trolling, flaming, ranting, personal attacks, harassment, threats, doxing, racism, discrimination, hate speech, sexism, spamming, off-topic posting, pyramid quoting, rumor mongering, impersonation, advertising (including HTML links and pictures), and linking to applications or utilities of uncertain intent.

In addition, the Earthdata Wiki is not for discussion of real-life current affairs, news, politics, or religion. Discussion should revolve around EOSDIS topics. Specific content prohibited on Earthdata Wiki includes pornography, profanity, and real money trading (RMT).

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ESCO Document List

ESCO Reviews

ASCII File Format List

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