Standards Process Archive

The NASA Earth Science Data Systems (ESDS) Standards Process was created by NASA to facilitate the development of future data systems.The Standards Process welcomes (and seeks out) submissions of potential standards that would be of value to the NASA Earth Science community. These standards are evaluated and can eventually be endorsed as ESDS standards.

Standards

- Endorsed Standards - This is a list of standards that have been processed by the Standards Process as well as those that are in-process.
- Heritage Standards - This is a list of standards that were identified during the formation of the ESDS working groups as being important to NASA Earth Science Data Systems.

Goals

1. Enable data and service providers to easily join NASA's Earth Science network of data systems through use of standards.
2. Facilitate interoperability between components of NASA's Earth Science network of data systems through use of standards.
3. Facilitate data stewardship and preservation through use of standards and adoption of best practices.
4. Develop and manage effective standards recommendation, adoption, and approval processes to guide the evolution of ESDS standards. Support the evolving strategies and goals of NASA's Earth Science activities through use of standards.

Technical Note Templates

- Document format
- PDF format
- ODT format

More Information

- Earth Science Data Systems Standards Process - A strategy to adopt standards that work
- The official description of the Standards Process:
    - The ESDS Standards Process
- Data Systems Standards - The present state of standards for NASA's Earth Science Data Systems
- RFC Index - A complete list of documents submitted to the Standards Process and their status.
- How to Submit an RFC - Learn how to submit an existing standard for consideration by the Standards Process.
- Development of the standards process - Brief description of rationale for the standards process
- NASA ESDS Reference Architecture v1.1 - This Reference Architecture elucidates a data model, a set of functions and services that are common among data systems that operate on NASA's Earth Science data.
- Responses to Standards Questions
- Version Number Scheme for RFCs
- Template for Standards Process Presentations
- RFC Editor's Checklist