Earth Science Data System Working Groups (ESDSWG)



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The Earth Science Data System Working Groups (ESDSWG) is a NASA organization established under the auspices of NASA Headquarters in 2004. The chartered role of the ESDSWG focuses on the exploration and development of recommendations derived from pertinent community insights of NASA's heterogeneous and distributed Earth science data systems.

The ESDSWG is comprised of working groups organized around key technology and information system issues. Each Working Group functions independently establishing their own work plans on germane data system issues and topics. The ESDSWG members are drawn from a broad range of NASA-funded science and technology projects, NASA information technology experts, affiliated contractor staff and other interested community members from academia and industry.

2023/24 Working Groups

- Community Development Best Practices Working Group
  - Guidelines for establishing an open source software community
- Data Product Developers Guide Working Group
  - Guidelines for data producers; data format, metadata, etc.
  - Data Product Development Guide for Data Producers
- Dataset Interoperability Working Group
  - Dataset Interoperability Recommendations for Earth Science
- Machine Learning Capacity Development Working Group
  - Several subtasks related to helping expand the use of ML in Earth science
  - Publication: A review of Earth Artificial Intelligence
- Interdisciplinary Community Needs (new working group)
  - Identify earth science datasets, tools, platform, language and analytics used by interdisciplinary community using data from across NASA DAACs.
- Making NASA SMD-funded Earth Science Data FAIR
  - Provide principle-by-principle guidance on how to apply existing practices to ensure or enable NASA SMD-funded Earth science open data and information are findable, accessible, interoperable, and (re)usable (aka, FAIR).
- Variable-First Services (new working group)
- Resource Center for Data Producers (new working group)

2024 ESDSWG Annual Meeting

The 2024 ESDSWG meeting **will be held March 5-7 in Huntsville AL**.

More details here...

Current Working Groups

2023-24 Working Groups
Content by label

There is no content with the specified labels

PAST WORKING GROUPS

News and Events

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