



## Make data matter.

Earth Science Information Partners (ESIP) is a community-driven organization that facilitates connections between people allowing them to leverage the collective expertise and technical capacity to address pressing Earth science data challenges.

### With ESIP, you can...

- Ask questions of a large, diverse expert community.
- Refine standards and best practices to increase adoption.
- Create new teams capable of tackling important issues or developing proposals.
- Use the community to evaluate high-level decisions before implementation (higher quality, more engaged feedback than simple RFIs).
- Broaden connections to stakeholders through direct interaction and across diverse communication platforms.
- Identify emergent leadership and potential employees.
- Fund projects within the ESIP context to gain broader access to expertise as well as early adoption and feedback.

**30+** COLLABORATION AREAS

**~\$100k** EACH YEAR IN SMALL GRANTS

**2000+** COMMUNITY PARTICIPANTS

**80+** FELLOWS SUPPORTED



### Discover

Find people and tools to make your data FAIR.



### Network

Build connections across federal agencies, the private sector, and academia.



### Innovate

Use small-grant funding to build or expand Earth data technologies.



### Collaborate

Join or create a collaboration area around your Earth science data challenges.



### Inspire

Reach and support data professionals at all career stages.

A Home for

# EARTH SCIENCE DATA

Professionals

## Biannual Meetings

The ESIP community gathers twice each year: In January for a virtual meeting and in July for a hybrid, in-person meeting. We focus on Earth science and its technical challenges.

Participants network, share expertise, and make progress on data-related challenges. Meetings are open to all and typically draw hundreds from diverse backgrounds. Sessions are led by community participants and feature a broad range of Earth science topics.

## ESIP Lab Funding

Microfunding opens the door to bigger projects. And it's necessary in today's research cycle. The ESIP Lab supports the development of novel, applied technologies through funding, strategic outreach, and community input.

### With ESIP Lab Funding...

*"The flood dashboard we created has the potential to significantly enhance flood preparedness and response efforts in Central Appalachia."*

*-Qian Huang, Research Assistant Professor, Center for Rural Health and Research, East Tennessee State University*

*"We transitioned a hydrologic model from 'research grade' to cloud-based operations for watersheds on three continents."*

*-Eric Sproles, Assistant Professor, Department of Earth Sciences Montana State University*

## Student Opportunities

ESIP is an open space for scientists at all career stages. Our Community Fellows and Raskin Scholars are important participants in the community. ESIP offers several forms of support to foster the next generation of data professionals.

## Collaboration Areas

- Air Quality
- Biological Data Standards
- Cloud Computing
- COPDESS
- Community Ontology Repository (COR)
- Council of Data Facilities
- Data Help Desk
- Data Readiness
- Disaster Lifecycle
- Discovery
- Earth Comms
- EnviroSensing
- Geodata4Health
- Information Quality
- Machine Learning
- Marine Data
- Open Science
- Physical Sample Curation
- Schema.org
- Semantic Harmonization
- Soil Ontology & Informatics
- Sustainable Data Management
- Wildfires
- Data Stewardship
- Education
- Information Technology & Interoperability (IT&I)
- Semantic Technologies

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