ESIP

Earth Science Information Partners

▶ **CSCCE Community Profile**
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COMMUNITY OVERVIEW

Earth Science Information Partners (ESIP) helps members of the Earth science data community (government, academia and private sector) find each other and work together on common data challenges by fostering rich collaborative experiences. It was founded in 1998 by NASA with the 12 NASA Distributed Active Archives (DAACs) and 24 NASA-funded partners. In 2001, ESIP created a 501(c)(3) non-profit organization to provide management support as it moved from an operational prototype to an independent organization, which is now funded by NASA, NOAA, and USGS. ESIP is made up of over 150 partner organizations in the United States (and increasingly internationally) whose members voluntarily participate in 30+ subgroups called Collaboration Areas. These subgroups are focused on themed topics and Earth science data-related challenges and meet in monthly virtual teleconferences. The larger organization also has twice annual in-person meetings and supports implementation of partner ideas through the ESIP Lab.

- ▶ DATA SCIENCE
- ▶ INTERDISCIPLINARY
- ▶ OUTREACH AND EXTERNAL COMMUNICATION
- ▶ INFRASTRUCTURE DEVELOPMENT
- ▶ SKILLS DEVELOPMENT
- ▶ MULTI-STAKEHOLDER COLLABORATION

- ▶ Website: www.esipfed.org
- ▶ One-pager: www.esipfed.org/onepager

COMMUNITY BASICS

500

500 core members, and a broader group of more than 1000

These numbers are an estimate

Mostly online with some in-person events

National (US), with growing international participation, particularly from Australia and Europe

Open

Infrastructure organization, which provides collaborative infrastructure to enable multiple communities of practice
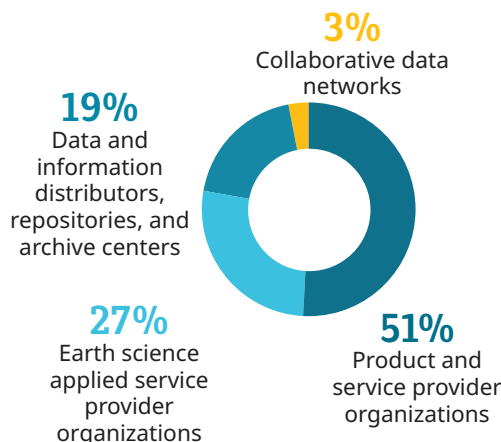
COMMUNITY STRUCTURE

Community Management

Community management is a core capability of the **Community Director**, **Executive Director**, and **Lab Director**. Each of these roles supports the community through strategy, programming, and community-related communications. Each ESIP Collaboration Area (30+ active groups) has a volunteer **chairperson** and at least one **co-chair**.

Members

ESIP has 150+ partner organizations

- **3%** Collaborative data networks
- **19%** Data and information distributors, repositories, and archive centers
- **27%** Earth science applied service provider organizations
- **51%** Product and service provider organizations

Community Configuration

ESIP

- ▶ Collaboration areas
- ▶ ESIP Lab
- ▶ ESIP Meetings

ESIP promotes collaboration and innovation through collaboration areas, the ESIP Lab, and ESIP Meetings
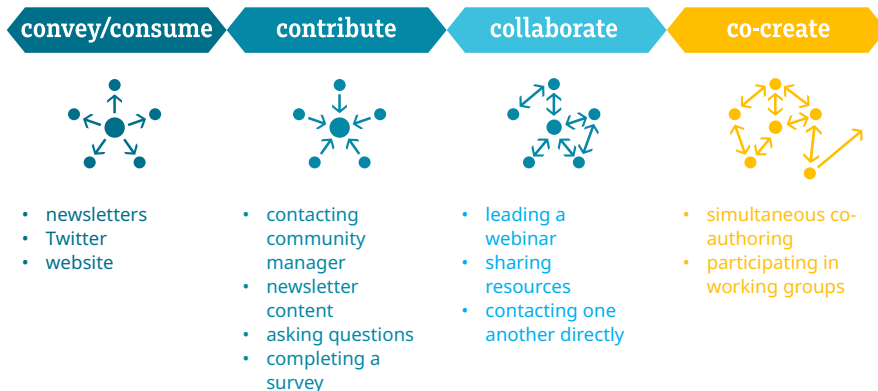
Earth Science Information Partners

PROGRAMMING

The CSCCE Community Participation Model describes four modes of member engagement that can occur within a community: CONVEY/CONSUME, CONTRIBUTE, COLLABORATE, and CO-CREATE. All modes may be present at once, with some members interacting in multiple modes - or a community may have member engagement that falls into only some of the modes described. The model enables the mapping of community member behaviors to programming and other infrastructural support that the community manager, convening organization, or funder may provide to the community. For more information, see the CSCCE community participation model.

IN THIS COMMUNITY

Online activities include group emails – either as a formal listserv or shared email threads, webinars, working groups, and committee meetings. Offline activities include conferences.

convey/consume	contribute	collaborate	co-create

- newsletters
- Twitter
- website

- contacting community manager
- newsletter content
- asking questions
- completing a survey

- leading a webinar
- sharing resources
- contacting one another directly

- simultaneous co-authoring
- participating in working groups

Online — In-person

COMMUNITY TOOLBOX

Communications

Email
Slack
MailChimp
Twitter

Zoom
GoToMeeting
Qiqochat
GitHub

Productivity

Google Drive
SurveyGizmo
Wordpress

MediaWiki
Sched
Cvent

FUNDING

10% Revenue
5% Foundations
10% Subawards
75% Grants

Funding Streams

- 75% federal grants (NASA, NOAA, USGS)
- 10% subawards on partner proposals
- 10% ESIP Meeting registration revenue
- 5% private foundation support

*Members can apply for **travel stipends for internal and external events** and **pilot project funding** through ESIP.*

OUTPUTS & EVALUATION

✓ **Success looks like attendance at virtual telecons and ESIP (in-person) meetings by existing and new members.**

Evaluation and Reporting

- Reports for community team
- Reports for leadership or funders
- Community member surveys
- Community member interviews

Challenges

- Unclear community goals
- Staff turnover
- Too few staff
- Subcommunity leadership turnover
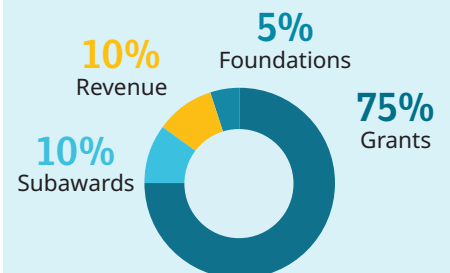- Subcommunity attendance

Opportunities

- Diversify digital engagement
- Diversify meeting offerings

Successes over the last year

- **Growth** – adding new members
- **Growth** – adding additional sub-communities
- **Engagement** – increased activity of members (commenting or attending)
- **Productivity** – co-creating community outputs
- **Engagement** – in-person event
- **Recognition** – members see value