

TRANSFORMATIVE CYBERINFRASTRUCTURE FOR THE GEOSCIENCES

Connect!

Join more than 2,500 EarthCube community members who are helping shape the design and direction of cyberinfrastructure for the geosciences.

- Explore how EarthCube's products can benefit your research
- Network with peers through sponsored lectures and presentations
- Join Working Groups and discussion forums at EarthCube.org
- Engage in the governance of EarthCube
- Contribute to virtual and in-person meetings, town halls, and workshops

EarthCube is funded through a collaborative partnership between NSF's Directorate of Geosciences (GEO) and the Division of Advanced Cyberinfrastructure (ACI).

Learn more:



facebook.com/NSFEarthCube



[@EarthCube](https://twitter.com/@EarthCube)



youtube.com/EarthCubeNSF



slideshare.net/EarthCube

earthcube.org/hello



EARTH CUBE

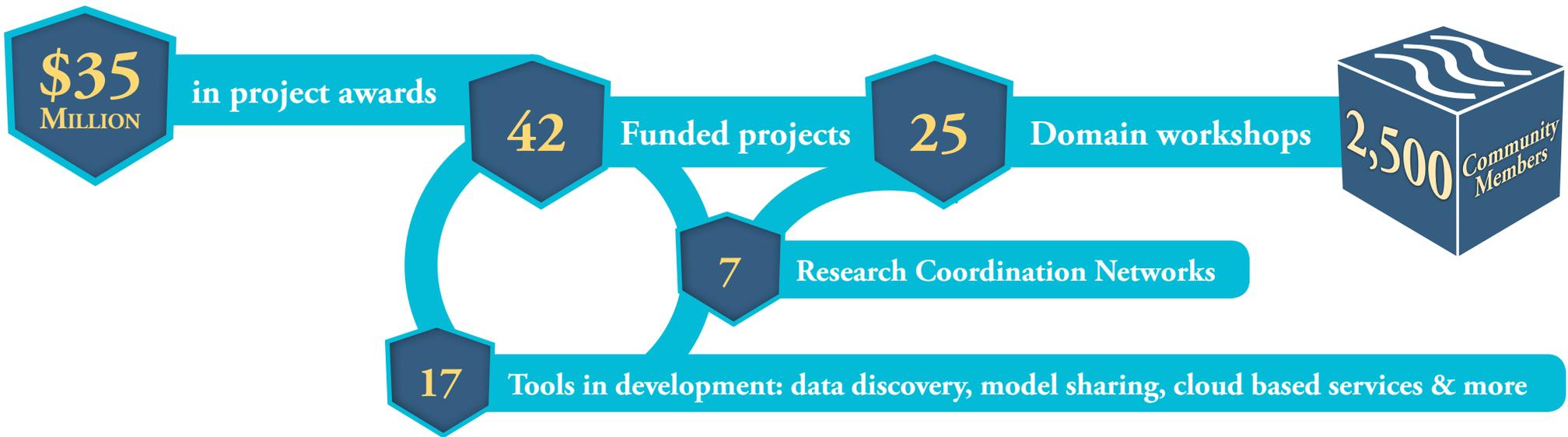


This material is based upon work supported by the National Science Foundation under Grants No. 1340233 and 1417948. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.



Earth image—NASA; Polar image—NASA/Kathryn Hansen, flickr.com, CC BY 2.0; Atmosphere image—NASA/Norman Kuring, NASA's Ocean Color web; Geoscience image—Ann Youberg; Oceanography image—NOAA Okeanos Explorer Program, flickr.com, CC BY-SA 2.0

EARTH CUBE.ORG



Vision

EarthCube is a community-led cyberinfrastructure initiative for the geosciences. EarthCube's diverse project teams are creating a well-connected and facile environment for sharing data and knowledge in an open and inclusive manner in order to accelerate our ability to understand and predict the Earth system.

Community

Formed in 2011, EarthCube currently encompasses 42 funded projects focusing on web architecture, domain science, semantics, research coordination, systems integration, and self-governance. Members come from a wide range of fields in the geosciences, as well as computer and social sciences, education, and data management.

EarthCube members strive to coordinate the operation of their virtual community by formalizing its policies, procedures, and decision-making protocols.

Activities

- Build agile interdisciplinary communities
- Integrate and test systems to improve access to geoscience products
- Generate virtual and technological bridges across geoscience domains
- Leverage existing science knowledge and cyberinfrastructure for new discoveries
- Create a governance framework to democratize data access and management

Goals

- Streamline global data discovery
- Accessible, community-driven cyberinfrastructure
- Interoperability and data integration across disciplines
- Adaptable, universal processes for data-enabled geosciences research

earthcube.org/hello