

Goal: To promote high-quality Earth education.

Earth education helps us build our understanding of our planet and how we interact with it. High-quality Earth education makes use of evidence-based practices to promote deep, actionable learning for all. High-quality Earth education in all formal and informal settings—K-12, undergraduate, graduate, lifelong learning, museums, parks and other public spaces, public lands, research institutes—results in widespread Earth literacy and a diverse and robust geoscience workforce, both of which are vital to our well-being and in addressing societal issues.

Strategies:

- Provide professional development for educators at all levels
- Provide peer-reviewed resources for teaching
- Disseminate evidence-based practices
- Advocate for Earth education
- Collaborate and partner with organizations, programs, and projects

Goal: To foster and disseminate research in geoscience education.

Geoscience education research (GER) produces evidence for effective practices, develops and tests innovative educational approaches, leads to new theories of learning, and explores a wide range of research questions related to teaching and learning about Earth. Fostering and disseminating GER builds our collective capacity to address questions of interest to the community and to improve our teaching through the use of evidence-based practices.

Strategies:

- Publish and promote high-quality geoscience education research
- Provide resources and professional development that support and grow the GER community
- Support interdisciplinary collaborations with other discipline-based education research and social and cognitive science research organizations, programs, and projects
- Provide access to data and instruments that facilitate research within the community



Envisioning the future of NAGT

means asking how we can better fulfill our mission of supporting a **diverse, inclusive, and thriving community** of educators and education researchers to improve teaching and learning about the Earth.



Group photo from the 2019 Earth Educators' Rendezvous in Nashville, TN.

These goals and strategies were developed through our strategic planning process in the winter and spring of 2021.

Do you have ideas or feedback?

Go to <https://forms.gle/cmZLjDVSscPLyFC27>

Goal: To drive change toward an equitable and inclusive system of geoscience education.

An equitable and inclusive system of geoscience education offers a range of interconnected opportunities for everyone to participate and contribute. Driving change towards such a system starts by recognizing and addressing both historic and present-day marginalization and inequities with geoscience education. Full realization of such a system requires valuing the perspectives, approaches, and understandings that different groups and cultures have about the Earth and our relationship with it.

Strategies:

- Support departments and programs in making transformative changes to support all students and faculty
- Promote curricular resources that make use of inclusive pedagogies
- Cultivate diverse membership and leadership
- Provide resources and professional development that support teacher educators
- Collect, analyze, and disseminate data that describes change over time
- Collaborate and partner with other organizations to promote systemic change

Goal: To support current and future geoscience educators throughout their careers.

Future geoscience educators are students in our geoscience and education programs; current geoscience educators teach in elementary, middle, and high schools, community colleges, four-year colleges and universities, graduate schools and research institutes, museums, camps, parks, government, and beyond. All have needs that evolve over time as their experiences and settings change, and as the world around us changes.

Strategies:

- Offer professional development targeted to different careers and career stages
- Provide opportunities for networking and mentoring
- Recognize and reward the achievements and contributions of current and future geoscience educators
- Provide targeted financial support that fosters professional growth