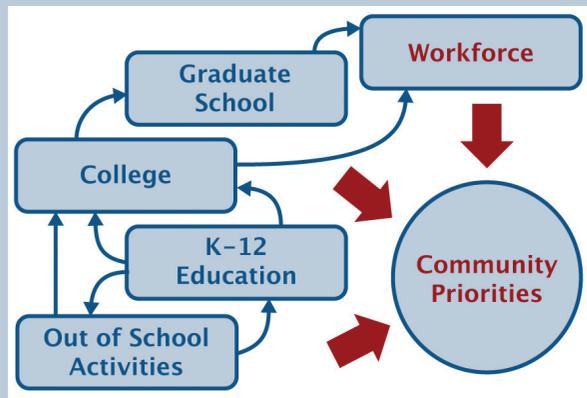


## What Makes a Pathway?

EarthConnections pathways share four critical elements. All of them:

- Connect opportunities to learn geoscience with opportunities to use this knowledge in service to the local community
- Link geoscience learning opportunities and learners across grade levels
- Use signposting and mentoring to guide and support students
- Lead to local employment opportunities and geoscience-related careers



Rooted in existing regional activities, pathways are developed using a process that engages regional stakeholders and community members. Drawing on EarthConnections program partners and resources, pathways connect, sequence, and create multiple learning opportunities that link geoscience education and community service to address one or more local geoscience issues.

## Join the Community

We are all more effective if we can build on others. EarthConnections brings together programs, regional groups, and individuals who share its vision.

**Join** the virtual community to learn from others and receive updates and information about ongoing activities.

**Register** as a Program Partner or Regional Alliance to be featured on the website.

<https://serc.carleton.edu/earthconnections/>

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Engaging Local Communities in Geoscience Pathways.



Science Education Resource Center @ Carleton College

## EarthConnections

### *Community Pathways to Geoscience Careers*



**You can help create EarthConnections pathways across the nation that link opportunities to learn geoscience with community involvement across grade levels.**

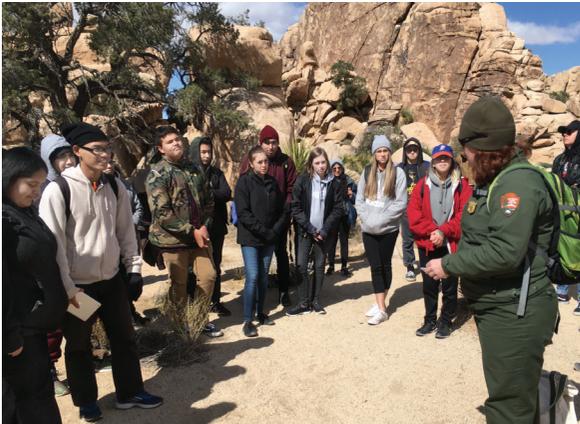




# Help Create EarthConnections Pathways Across the Nation

## Our Shared Vision

The EarthConnections Alliance is creating a world in which all students can travel along geoscience-rich educational pathways toward meaningful careers.



Linking geoscience learning with opportunities to serve their local community, these pathways strengthen and diversify the geoscience workforce and enhance the ability of communities to use science.

The EarthConnections Alliance brings together community leaders, scientists, and educators to advance sustainability, resilience, and environmental justice nationally while shifting the culture of geoscience toward more inclusiveness and relevance.

## Three Examples

Three EarthConnections pathways have been initiated. Fully described on our website, their work illuminates the potential of EarthConnections pathways as well as the development process.

### Atlanta

Community groups and universities are working together to introduce students to flooding and water quality problems and prepare them for jobs to address these challenges.

### Oklahoma

Native American Tribes, the Oklahoma Geological Survey, and regional educational institutions are engaging with seismic monitoring activities in classrooms, public libraries, and museums.

### San Bernardino

Students and educators from high schools, two-year colleges, and university programs are learning about seismicity and earthquake hazards and using that knowledge to engage in research and public service.

## Resources for You

The EarthConnections Alliance offers resources to support the development and growth of regional alliances in your own area. Visit the website to learn more about each category below.

**Regional Alliance Examples** show how others are creating pathways focused within local communities.

**Program Partners** offer programming, expertise, or resources to strengthen your regional pathway.

**Planning Tools** help you engage your stakeholders, stay on track, evaluate your pathway, and support communications.

**Metrics** measure the health of your Alliance and the impact of your pathway activities on students.

**The EarthConnections community supports the sharing of information and opportunities.**



<https://serc.carleton.edu/earthconnections>