



Get Started with GLOBE

About GLOBE

The [Global Learning and Observations to Benefit the Environment \(GLOBE\) Program](#) is a science and education program sponsored by NASA and supported by the National Science Foundation, the National Oceanic and Atmospheric Administration and the Department of State. GLOBE members across the world collaborate with each other and use GLOBE's extensive collection of resources to do real science. They provide environmental data that can be used to complement NASA research efforts and further community or individual investigations, thereby helping people gain a better understanding of the environment.

Get Started

1. [Create a free GLOBE Educator Account](#)
2. [Get trained in GLOBE through eTraining](#)
 - Complete 3 modules:
 - Introduction to GLOBE eTraining (40 minutes)
 - Introduction to an Earth Science Sphere of your choice (60 minutes)
 - GLOBE Protocol of your choice (time varies)
 - Certificates available
3. [Download the GLOBE Observer App](#)

Ways to Engage

Join a campaign:

- [North America Phenology Campaign](#) (Grades PreK–12): use simple GLOBE protocols to measure tree green-up (spring) and green-down (fall).
- [Urban Heat Island Campaign](#) (Grades 3–12): use GLOBE protocols (clouds, air temperature and surface temperature) to discover how the land cover of the ground affects its surface temperature.

Use a [One Week Pacing Guide](#) (Grades 3–12)

- NASA Langley has put together educator guides for exploring Earth Science topics using GLOBE and NASA activities.

[Elementary GLOBE](#) (Grades K–4, Literacy Connection! Social Studies Connection!)

- Storybooks and learning activities to introduce Earth science topics and science process skills.



Share GLOBE Research

[GLOBE Student Research Symposium](#) (grades 5–12)

Held around the United States every spring, these in-person symposia give students in grades 5-12 the opportunity to present their GLOBE research to peers and STEM professionals and engage in hands-on science activities. Travel funding is available.

[GLOBE International Virtual Science Symposium](#) (Grades K–16)

Students showcase their GLOBE research virtually with projects judged by scientists across dozens of GLOBE nations.

Literacy Connections

[Elementary GLOBE Storybooks](#) (Grades K–4)

Storybooks model students collecting data and investigating questions around seven Earth science topics.

[GLOBE and the Natural Inquirer](#) (Grades K–12)

Find connections between the USDA Forest Service Natural Inquirer readers for students and GLOBE protocols, learning activities, and storybooks. Crosswalks developed by educators demonstrate how these materials can be used together in a classroom activity.

[Nature Notes](#) (Grades 5–8)

A Nature Note is a detailed description of an interesting or noteworthy observation from the field. Nature Notes are short, specific to a time and place, and grounded in background information. This teacher's guide comes from the Gulf of Maine Research Institute.

Standards Correlations

[NGSS and select state standards correlations with GLOBE](#)

Questions?

Email the [GLOBE U.S. Coordination Office](#).

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