
My NASA Data - GLOBE Connections

GLOBE Cryosphere - Additional Resources



The GLOBE resources on this page will support exploration of My NASA Data phenomena. These include campaigns, eTraining and how to find related student projects.

eTraining

For online eTraining on GLOBE cryosphere protocols which can be used to explore cryosphere phenomena, visit the [GLOBE eTraining page](#).

In order to enter data for a protocol, you will need to complete the Introduction to Biosphere module and the protocol module. In addition, there may be supporting protocols required.

Arctic and Earth Signs

Community

The Arctic and Earth SIGNs Community, based at the University of Alaska Fairbanks International Arctic Research Center, connects youth and adults to climate change and Earth science learning through inquiry-based GLOBE investigations and community stewardship projects. Come collaborate with NASA and Arctic scientists to make a difference right where you live!

The [project website](#) has all the current information you'll need to get involved in this project. Be sure to investigate the learning activities on the page.

Source: [Arctic and Earth Signs](#)

[Permafrost Thaw](#)

Visit one of the Arctic and Earth Signs resource bundles. It includes GLOBE protocol connections and PBS resources relating to permafrost thaw.



Permafrost - Image credit: Hugo Ahlenius,

UNEP/GRID-Arendal

Campaigns

GLOBE campaigns are a great way to explore different phenomena. Students have the opportunity to use GLOBE protocols and submit data in conjunction with students around the world. These data will contribute to the goals of the campaign in addition to facilitating student learning.

[Frost Tube Campaign](#)

This campaign is a Regional Community Collaboration Initiative in GLOBE. Students will learn how to construct a Frost Tube and insert it into undisturbed and uncompacted soil. This is used to measure the depth at which water in the Frost Tube has frozen. This in turn indicates the depth to which surrounding soil is frozen as well. Source: [GLOBE Website](#)

The resources for the campaign will be of use even when the campaign is over.

Student Projects

Find student projects related to the phenomenon you are exploring. These projects can be used as background research for younger students, or as models for student projects. There is a [search filter](#) available to find the projects you would be most interested in seeing. Students can also submit their own reports on the same page.

THE GLOBE PROGRAM A Worldwide Science and Education Program

Home > Do GLOBE > Research & Resources > Student Research Reports

Student Research Reports

Check out student research reports from around the world! Would you like to have your report added? Click on the graphic to the right to submit your report. Please note that projects can be uploaded in any language!

Interested in participating in the **GLOBE International Virtual Science Symposium**? Click [here](#) for more information!

Upload Your Research Report

Research & Resources

- Student Research Reports
- Student Resources
- Teaching Resources
- Higher Ed Resources
- Publications
- GLOBE Equipment

Year: All

Region/Country: All

Grade Level:

- Lower Primary (grades K-2, ages 5-8)
- Upper Primary (grades 3-5, ages 8-11)
- Middle School (grades 6-8, ages 11-14)
- Secondary School (grades 9-12, ages 14-18)
- Undergraduate
- Graduate

Report Type:

- Standard Research Report
- International Virtual Science Symposium Report
- Mission Earth Report
- Mission Mosquito Report
- U.S. Student Research Symposia (SRS)

Protocols

- Atmosphere
- Biosphere
- Earth As a System
- Hydrosphere
- Pedosphere (Soil)

Apply Filter Clear

Source: ([GLOBE](#)

[Website](#))

You can filter on the following:

- Year
- Region/Country
- Grade Level
- Protocol - all GLOBE protocols are available
- Report Type - The report type options are different forums available for students to submit their work.

There are also mechanisms for students to participate in the [International Virtual Science Symposium](#) and [Student Research Symposia](#).

