



Expanding the GLOBE International STEM Network (GISN) to Include “Early Career STEM Professionals”

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What is GLOBE?

Global Learning and Observations to Benefit the Environment (GLOBE) is an international science and education program that provides students and the public worldwide with the opportunity to participate in data collection and the scientific process, and contribute meaningfully to our understanding of the Earth system and global environment.

Vision: A worldwide community of students, teachers, scientists, and citizens working together to better understand, sustain, and improve Earth's environment at local, regional, and global scales.

Mission: To promote the teaching and learning of science, enhance environmental literacy and stewardship, and promote scientific discovery.

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What is the GLOBE International STEM Network?

The GLOBE International STEM Network (GISN) is an international network of STEM (science, technology, engineering, and mathematics) professionals who contribute meaningfully to GLOBE students around the world involved in scientific field investigations and research projects.

Member requirements:

Members must actively participate in the network (see Figure 2), be a STEM professional, reside and/or be employed in a GLOBE country, and meet one of the following criteria:

- Hold a Master's or Ph.D. in a STEM field
- Be working toward a Ph.D. in a STEM field
- Hold a B.S. in a STEM field, plus have at least five years' experience working in a STEM field
- Early Career STEM Professionals are a subgroup of the GISN, and must be upper-level undergraduate or master's students pursuing a degree in a STEM field or be a recent graduate working in a STEM field but have fewer than five years' of professional experience.**

Members can:

- Access a database of over 157 million measurements from across the globe
- Employ students and teachers to collect additional data
- Mentor and inspire young minds
- Collaborate with other scientists, teachers, schools, and students
- Blog, judge student research projects, and more!



Figure 2: Some of the ways to participate in the GISN. Members must do one GISN-related activity per year.

Figure 1: The GISN has 413 members and 19 of the members are Early Career STEM Professionals. Here are some examples of what the members are doing as a part of the network.



Early Career STEM Professionals

In January 2018, the GISN was expanded to include Early Career Members.

Opening up the GISN to Early Career STEM Professionals will:

- Empower the next generation of STEM leaders to participate in the scientific process
- Collaborate with successful peers
- Find mentors among a group of established professionals
- Participate in data collection and the scientific process with international schools
- Allow GLOBE to stay connected with alumni of the program who have pursued a STEM career.

The GISN does not separate ECS members from other members, so everyone has equal access to resources and to other members.