THE GLOBE PROGRAM

2020 GLOBE Annual Survey Highlights
SCIENCE

SCIENTIST PARTICIPATION

Increase participation and collaboration of scientists and STEM professionals with the GLOBE Community

40% of teachers ranked **#1**
"School visits to do a GLOBE activity"
as the most useful type of support from GLOBE scientists and STEM professionals.

SCIENCE DATA

Increase the comprehensiveness of the data in the GLOBE database

218,057
Number of GLOBE observer data entries

Up from 176,535 in 2019

SCIENCE PUBLICATIONS

The number of publications and citations using or referencing GLOBE has increased

15%
of scientists reported having published or presented information that used or referenced GLOBE data in the past year

SCIENCE PROJECTS

Increase the number of projects focused on environmental awareness and contributing to environmental benefits

43%
of GLOBE teachers reported student-related GLOBE projects related to environmental awareness in their school.

THESE PROJECTS INCLUDED:

- GLOBE at Night
- Bee Alive
- Phenology and Indigenous Trees in Croatia
- Ambrosia Invasive Plant Project

Additional 2020 survey infographics available: **EDUCATION | TECHNOLOGY | COMMUNITY | COMMUNICATION**

Thank you for your participation. Look for the 2021 Survey coming soon!

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Overview of GLOBE Annual Survey

The GLOBE Annual Community survey is the primary data collection tool for gathering information from the GLOBE community. It is administered to GLOBE Teachers, Partners, Country Coordinators and members of the GLOBE International STEM Network (GISN) at the end of each calendar year. The current survey questions were developed with input from each of the Working Groups and align with the goals and performance measures in the 2018-2023 Strategic Plan. In concert with other data sources, the survey data is primarily used to monitor the GLOBE Program's progress toward achieving the performance targets in the strategic plan. Highlights from the annual survey are typically shared with the GLOBE Community during the annual meeting. On occasion, survey results are presented to the Working Groups to facilitate in-depth conversations about the data.

A different survey version is administered to each of the adult community groups -- GLOBE Teachers, Partners/Country Coordinators and the GISN. The majority of the questions on each survey are the same. However, a few questions are unique to each group. For example, the GLOBE Teacher survey includes questions about classroom practices, the Partner/Country Coordinator survey includes questions about managing GLOBE implementation in schools and the GISN survey includes questions about the relevance of GLOBE protocols to STEM research activities.

One of the major challenges of the survey has been the low number of responses, which limits our ability to generalize the results across the GLOBE Community. Table 1 below shows the number of responses to each of the surveys and the response rate since 2018.

	2018		2019		2020	
	# of responses	Response rate	# of responses	Response rate	# of responses	Response rate
Teachers	436	2%	348	2%	280	3%
U.S. Partners	51	25%	67	33%	46	33%
Country Coordinators	61	53%	62	54%	82	65%
GISN	27	9%	25	8%	18	15%

** 2018-2019: Survey sent to 20,686 teachers, 204 US Partners, 113 Country Coordinators and 307 GISN*
***2020 Survey sent to 8,262 teachers, 138 US Partners, 126 Country Coordinators and 119 GISN*

One factor that may account for the low responses is the manner in which the survey results are communicated. To address this issue, GIO evaluation created a set of one-page summaries of the survey results in each of the five goal areas of the strategic plan. These one-pagers (Communications, Community, Education, Science, and Technology) highlight important and relevant findings gleaned from the survey data. We hope this information will motivate the GLOBE community to take more interest in the survey and respond to the survey in a timely fashion.