



THE GLOBE PROGRAM

Europe and Eurasia Annual Regional Meeting

Oct 4-8, 2021

Held Virtually

Regional Coordination Office



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Highlights from the COVID Era

- Website dissemination
 - Using the website to disseminate resources to the community through special pages on the pandemic
 - [GLOBE in the Time of the Coronavirus Pandemic Page](#)
- Communications within the regions (monthly Zoom Meeting)
- Regional Annual Meetings (Virtual)

Highlights from the COVID Era

- The GLOBE Family continues to grow!
 - Slovenia and Armenia in Europe and Eurasia
 - Bhutan in Asia and Pacific

○ GLOBE Observers over 210K

Schools/Members	Data	Projects	Training			
Name	Schools	Teachers	Pre-Service	Students	Alumni	GLOBE Observers
Africa	1,397	2,307	132	33,539	39	2,396
Asia and Pacific	4,993	5,188	707	71,754	27	36,433
Europe and Eurasia	5,071	4,754	343	95,859	34	37,968
Latin America and Caribbean	2,894	2,862	725	44,075	26	12,870
Near East and North Africa	911	887	167	19,176	10	1,906
North America	22,419	26,052	5,320	561,631	30	119,749

Data from 10/3/21

From: <https://www.globe.gov/about/impact-and-metrics>

Schools/Members	Data	Projects	Training
Name	Data Entered	Citizen Science Org Data Entered	Total Data Entered
Armenia	0	0	0
Austria	36,692	270	36,962
Belgium	49,604	1,765	51,369
Bulgaria	880	515	1,395
Croatia	11,236,984	5,661	11,242,645
Cyprus	81,179	223	81,402
Czech Republic	873,973	293	874,266
Denmark	4,546	396	4,942
Estonia	555,185	87	555,272
Finland	553,098	3,154	556,252
France	3,120,573	7,388	3,127,961
Georgia	2	24	26
Germany	37,101,915	5,357	37,107,272
Greece	274,384	948	275,332
Hungary	964,327	1,944	966,271
Iceland	12,740	19	12,759
Ireland	3,127	701	3,828
Israel	269,855	702	270,557
Italy	174,071	6,805	180,876
Kazakhstan	3,892	70	3,962
Kyrgyz Republic	649	32	681
Latvia	47,076	186	47,262
Liechtenstein	43,861	6	43,867
Lithuania	327,921	195	328,116
Luxembourg	0	22	22
Malta	4,533	210	4,743
Moldova	1,191	77	1,268
Monaco	848	0	848
Montenegro	0	53	53
Netherlands	1,906,180	1,459	1,907,639
North Macedonia	69,125	62	69,187
Norway	726,311	762	727,073
Poland	3,649,160	6,248	3,655,408
Portugal	22,095	1,097	23,192

Europe and Eurasia GLOBE Measurements

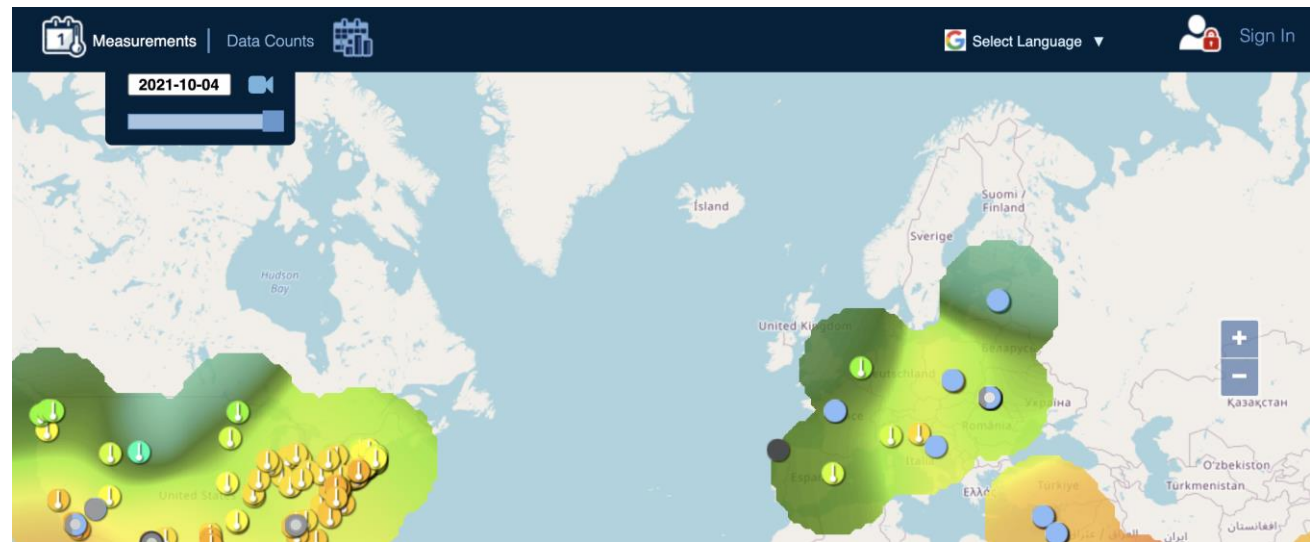
Tables on this and previous slide are available on the Impact and Metrics page at

<https://www.globe.gov/about/impact-and-metrics>

Portugal	22,095	1,097	23,192
Romania	5,579	654	6,233
Russia	16,645	1,019	17,664
Serbia, The Republic of	0	369	369
Slovak Republic	1,082	622	1,704
Slovenia	49	24	73
Spain	4,063,522	4,369	4,067,891
Sweden	72,477	568	73,045
Switzerland	217,704	2,356	220,060
Turkey	21,300	1,498	22,798
Ukraine	90,514	1,863	92,377
United Kingdom	1,573,059	10,176	1,583,235

Highlights from the COVID Era

- Data collection continues
 - Close to 210 million measurements in total in database
 - Over 1 million measurements entered during this time





Earth Day 2021

Earth Day

- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2013
- 2012
- 2011
- 2010
- 2007
- 2004
- 2000



At GLOBE, Every Day is Earth Day!

And yet, every year we find something new to celebrate, honor, and bring to your attention. This year, Earth Day marks the conclusion of GLOBE's 25th Anniversary Year. It also kicks off the beginning of the next 25! With full appreciation of all the effort put into making The GLOBE Program the world's leader in international Earth science education, we recognize that there's always more work to do. On April 22, 2021, we look forward to many opportunities to expand our impact on more students, teachers, and citizen scientists; to broaden our reach into more diverse communities; and to inspire more individuals to contribute to the collective effort of improving our planet.

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International Virtual Science Symposium

- In 2021, 242 projects were submitted from 20 countries.
- Seventy nine (79) projects were eligible for the drawing.
- Each project received a four-star student research badge and at least two other optional badges.
- On Earth Day, April 22, 2021, seven (7) projects were selected to receive stipends.
- 2022 Information:
https://www.globe.gov/news-events/meetings_symposia/virtual-science-symposia/2022-international-virtual-science-symposium



Vloggers

- A pilot initiative
- Two students from each region
 - Estonia (Johannes) and
 - Malta (Hannah)
- One female and one male
- Will document through videos what they are doing, learning and discovering with GLOBE

GLOBE's New Student Vloggers Made Debut on Earth Day 2021!

Apr 30, 2021



GLOBE's 14 new Student Vloggers (video bloggers) made their debut during GLOBE's anniversary celebration on Earth Day. Vlog-style videos are filmed in part "selfie-style," to help viewers embark on a journey into the vloggers world – into what they are doing, learning, and discovering.

To watch their introduction video, [click here](#).

The GLOBE Implementation Office (GIO) would like to congratulate the new Student Vloggers! They are as follows (in alphabetical order):

- Andrei, age 15 (The Philippines, GLOBE Asia and Pacific Region)
- Carlos, age 14 (United States of America, GLOBE North America Region)
- Christine, age 17 (United States of America, GLOBE North America Region)
- Hala, age 16 (Saudi Arabia, GLOBE Near East and North Africa Region)
- Hannah, age 13 (Malta, GLOBE Europe and Eurasia Region)
- Johannes, age 18 (Estonia, GLOBE Europe and Eurasia Region)
- Lakshmi, age 13 (India, GLOBE Asia and Pacific Region)
- Maia, age 16 (Argentina, GLOBE Latin America and Caribbean Region)
- Renada, age 15 (Oman, GLOBE Near East and North Africa Region)
- Sisanda, age 16 (South Africa, GLOBE Africa Region)
- Team: Lucio, Marianela, and Juan, ages 19, 18, and 19 (Argentina, GLOBE Latin America and Caribbean Region)
- Xavier, age 15 (South Africa, GLOBE Africa Region)

Please subscribe to GLOBE's YouTube channel ([click here](#)) to watch the weekly episodes, which will begin to be released in early May.

GLOBE Trainer Certification Process

Are you interested in becoming
a GLOBE Trainer?

A Mentor Trainer?

Check out this information

[Training process site](#)

[Documents](#)

GLOBE Trainers

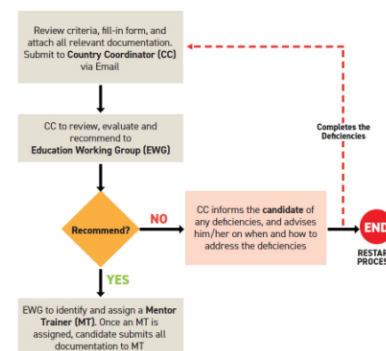


The GLOBE Program has a long history of building the capacity of its community by certifying GLOBE Trainers and Mentor Trainers. The result is a vibrant, growing community with members who are equipped to accomplish the mission and strategic goals of GLOBE[1].

To accomplish this, it is important to have GLOBE Trainers leading GLOBE workshops who are knowledgeable in the GLOBE program with a firm understanding of protocols, procedures, quality of data being collected and recorded, and who can guide teachers how to implement GLOBE in their educational setting. These GLOBE Trainers must be able to educate as well as support teachers to ensure GLOBE protocols are properly being conducted. There are three types of GLOBE trainers:

- **Candidate Trainers** are individuals seeking accreditation to be a formal GLOBE Trainer. They must provide documentation of their competency in four critical areas: (1) Science, (2) Education, (3) Adult Learning, and (4) Knowledge of GLOBE. Candidate Trainers will work with a Mentor Trainer to lead a GLOBE Workshop under the guidance and supervision of this Mentor Trainer.
- **Candidate Mentor Trainers** are individuals seeking accreditation to be a formal Mentor Trainer to GLOBE Trainers. They must provide documentation of their competency in four critical areas: (1) Science, (2) Education, (3) Adult Learning, and (4) Knowledge of GLOBE. If possible, Candidate Mentor Trainers will work with a Mentor Trainer to assist Candidate Trainers in leading a GLOBE Workshop under the guidance and supervision of this Mentor Trainer.
- **Trainers (and Mentor Trainers)** are certified to train educators in various GLOBE scientific protocols, educational activities, and GLOBE science research process. GLOBE Trainers are the front line ambassadors from GLOBE to faculty and teachers from elementary through university and the general public. Please note: the terms Trainer and Master Trainer have been combined into one term, Trainer. The term Master Trainer will no longer be used.
- **Mentor Trainers** aid in advancing the community of Trainers by mentoring Candidate Trainers.

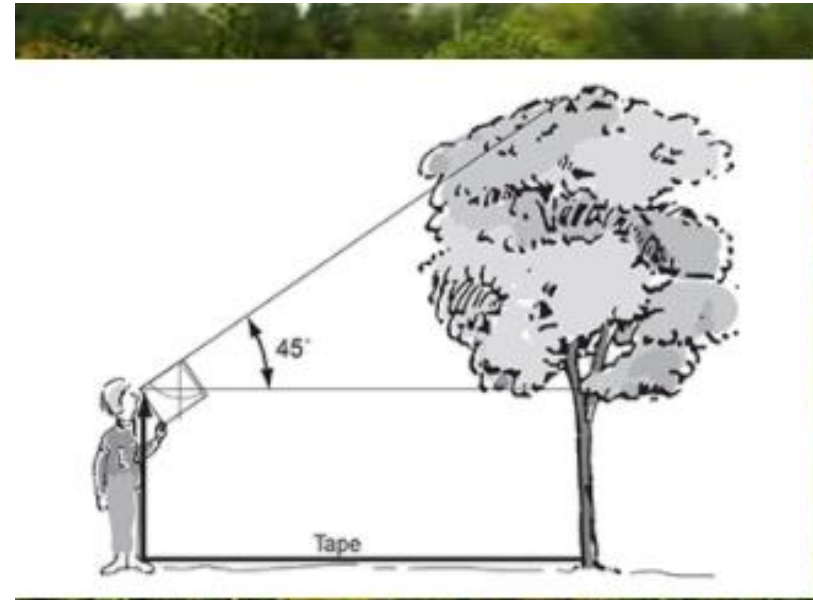
STEP 1 APPLICATION AND QUALIFICATION REVIEW



GLOBE Protocol Changes

- **Protocol Deactivation Report**
 - A number of protocols will be deactivated
 - Report submitted by Science WG
 - Approved by NASA
 - GIO and SSAI are creating a plan and timeline to deactivate

- **Protocol Proposal Process**
 - Science WG beginning development of new process



Working Group (WG)

GLOBE Program's App GLOBE Observer

- Continued enhancement of tools in app (this occurs continually and as required)
- Number of campaigns/challenges underway
(Check out webpages:
<https://observer.globe.gov/>)
- Publications from this project listed on webpage in publications section
<https://observer.globe.gov/publications>



Reminders

- Working Groups (WGs) (Teachers can apply; inform Country Coordinator)
 - Five WGs (DEI; Ed; Eval; Sci; Tech)
 - Efforts of the WGs broadcast in the Newsbrief; blogs and presentations
 - New pages on the on the GLOBE website for WGs products
 - Nominations: Oct 20th
- Annual Survey coming in Dec
 - Infographics (see Technology example, this is still a draft)
- International Virtual Science Symposium (IVSS)
 - Theme: **Engineering Solutions for a Changing Climate**
- Date for projects to be submitted by March 11, 2022





Reminders

- Earth Day 2022
 - Stay tuned for information on this event
 - Drawing for IVSS made on this day

- Campaigns
 - Regional: Phenology; Air Quality, etc.
 - GIO: Mission Mosquito, Trees Around the GLOBE

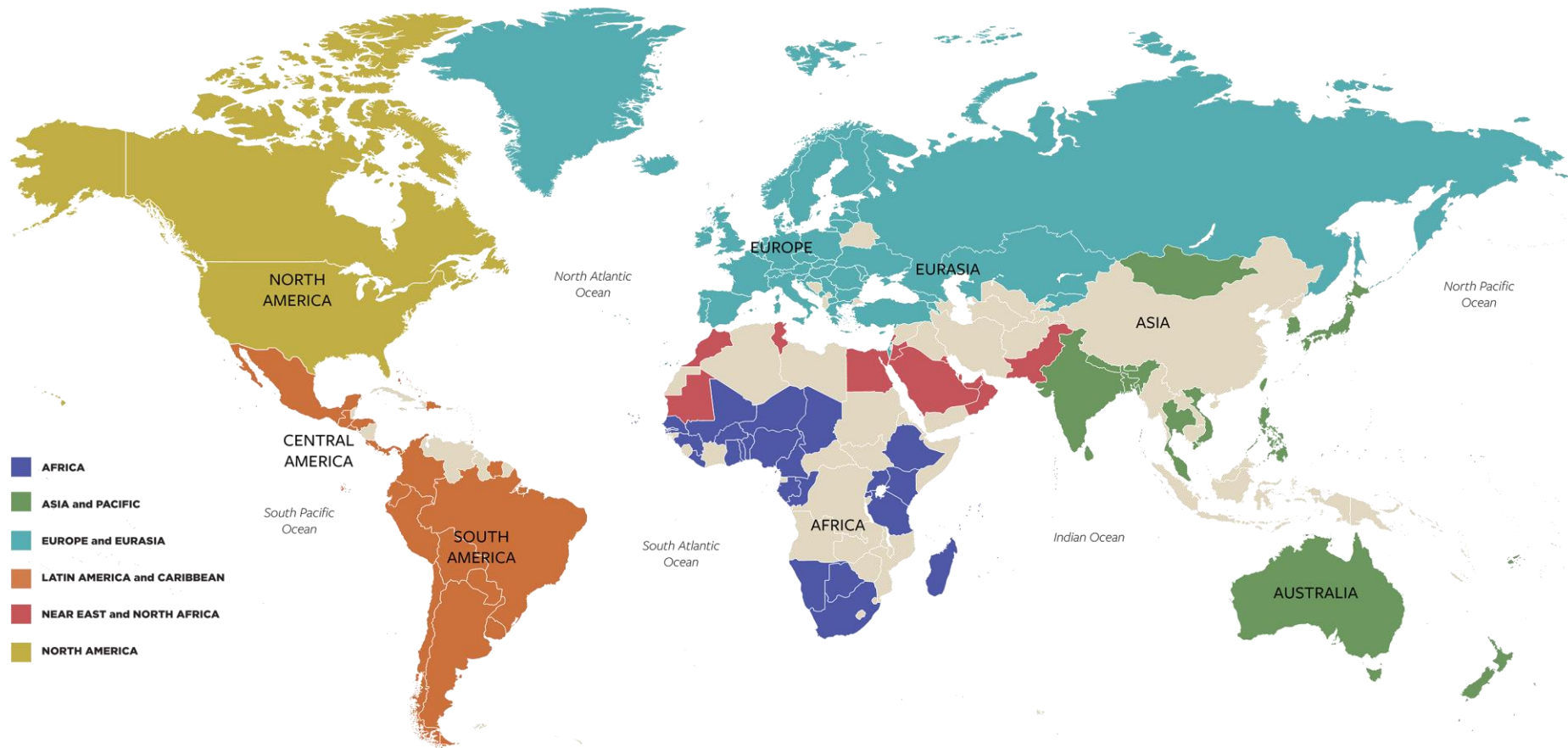
- GLOBE Annual Meeting 2022 (open to all GLOBE members)
 - Dates: July 24-29
 - Location: Denver, Colorado

- Publications entry and/or access
 - <https://www.globe.gov/do-globe/research-resources/publications>





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GLOBE Implementation Office (GIO)

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For more information visit www.globe.gov



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