

Country Report

The GLOBE Program Philippines

2021

Implemented through the Philippine Science High School System

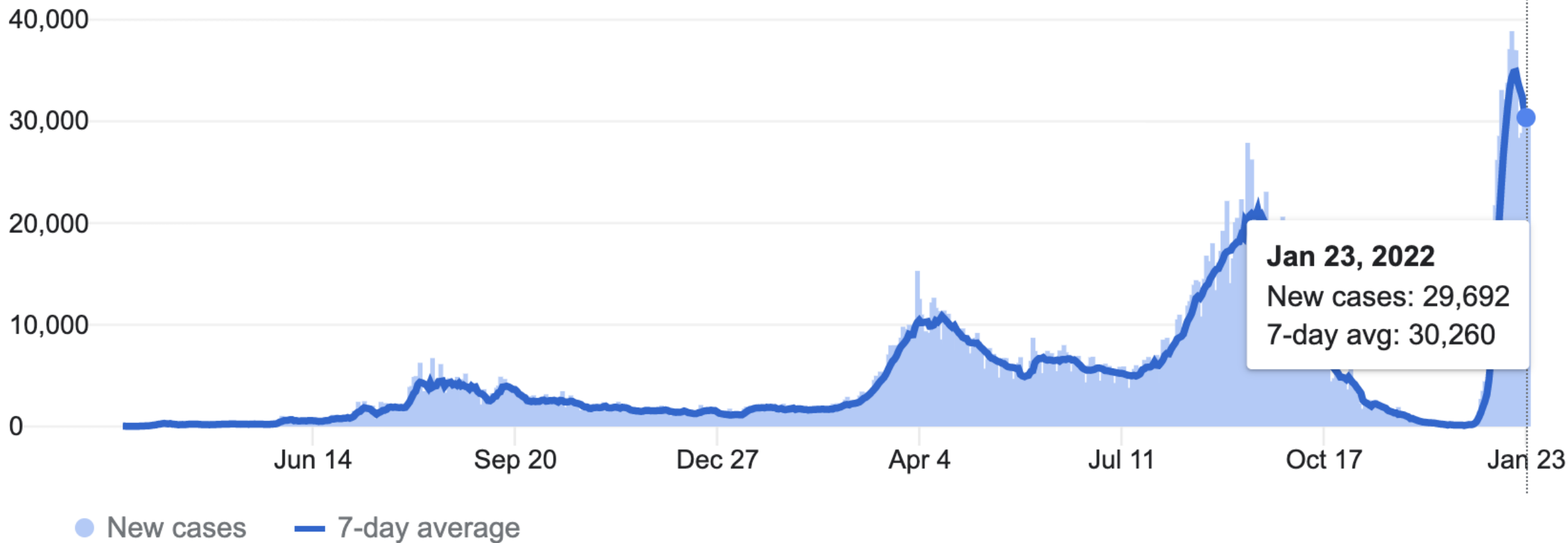


CORONAVIRUS (COVID-19)



Philippines ▼

All time ▼



Road to Recovery

Philippines

Total cases
3,387,524



Deaths
53,406

Statistics

Cases

Vaccines

Total doses given
122,313,496



People fully vaccinated
56,835,020
% of population: **52.4%**

Location	Total cases ↓	New cases (1 day*)	New cases (last 60 days)	Cases per 1M people	Deaths
🌐 Worldwide	349,134,552	2,670,248		44,900	5,591,704
🇵🇭 Philippines	3,387,524	30,441		31,225	53,406

SO NEAR, YET SO FAR

At a Glance



- ✓ 9,250 Students
- ✓ 569 Teachers
- ✓ 2,405 GLOBE Observers
- ✓ 13,467 Data Entry
- ✓ 643 Trained GLOBE Teachers
- ✓ 282 GLOBE Schools Nationwide
- ✓ 74 Trainers

2021

- ✓ 494 Observations in 2021
- ✓ 98 Schools reporting data

Paracel Islands

South China Sea

Spratly Islands

Sulu Sea

SABAH

LABUAN FEDERAL TERRITORY

Brunei

Sandakan

Tawau Semporna

Zamboanga

Mindanao

Negros

Palawan

Mindoro

Luzon

Tuguegarao

Legazpi

Tacloban

Leyte

Cebu

Bohol

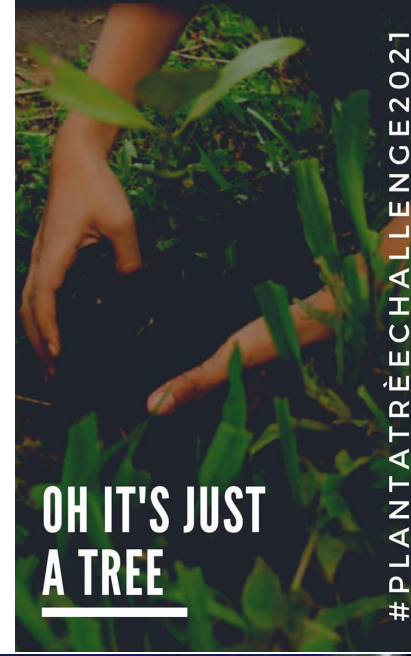
General Santos

Davao

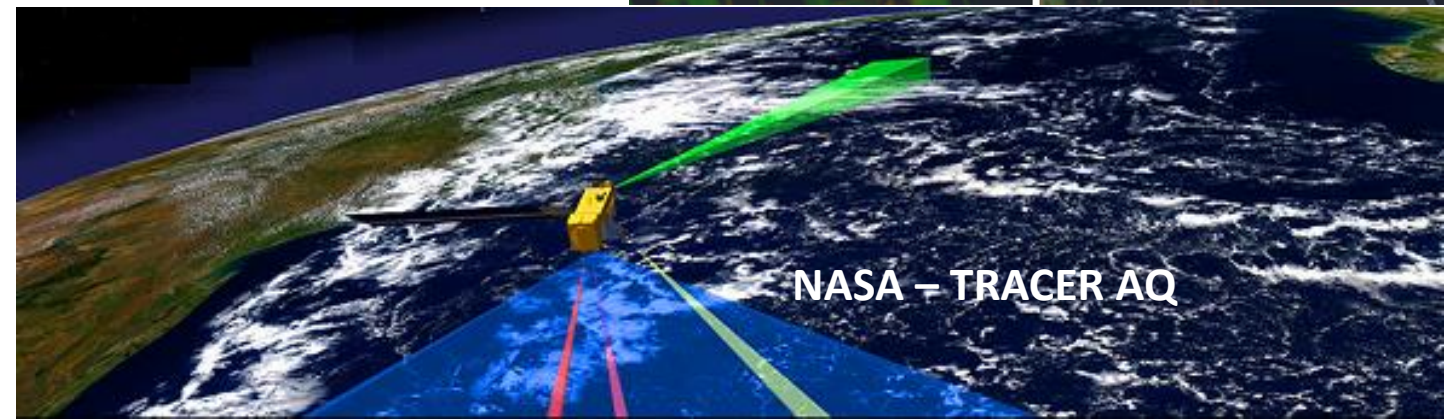
General Santos

Philippines

2021 GLOBE Program (Philippines) Activities



#PLANTATREECALLENGE2021



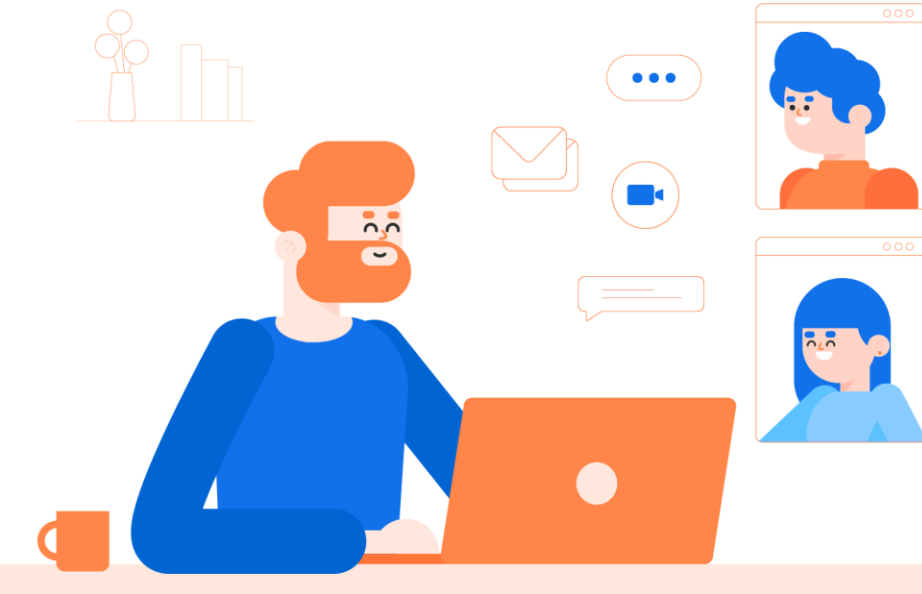
GLOBE Trees

One Million Trees by 2025 Program, and GLOBE Tree Protocol Training, February 1, 2021



GLOBE Trees

Trees Around the GLOBE Research Seminar in Cooperation with NASA-Jet Propulsion Laboratory and NASA's Wallop Flight Facility, **March 9, 2021**



✓ **80 Participants from 16 Countries**

THE GLOBE PROGRAM

Trees Around the GLOBE Student Research Campaign Webinar

Finalizing and Submitting your Trees Around the GLOBE Student Research Campaign Projects: Final project discussions with campaign team and participants, including student tree research projects in the Philippines.

GLOBE INTERNATIONAL VIRTUAL SCIENCE SYMPOSIUM

Tuesday, March 9, 2021
6:00pm EST (11:00pm UTC)
7:00am Philippine Time on Wednesday, March 10, 2021

Sponsored by: Supported by: Implemented by: UCAR

GLOBE ZIKA


EDUCATION AND
PREVENTION

GLOBE Zika Closeout, Country Report. With U.S. Department of State, NSA, NSF and GIO,
March 25, 2021



GLOBE Program (Philippines)


Country Report on Zika Project






PERSEVERANCE
NASA
JPL
#COUNTDOWNTO1975

JOAN BILASANO CALLOPE
Assistant Country Representative

Sponsored by:



Supported by:



APRIL 9, 2021

MOODLE LMS TUTORIAL

9 AM – 11 AM
meet.google.com/uuo-yipp-aaf



GLOBE Program EduShare



EDUSHARE

About the GLOBE Program

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

GLOBE is jointly sponsored by the USA National Aeronautics and Space Administration (NASA) and the National Science Foundation (NSF), with support from the National Oceanic and Atmospheric Administration (NOAA) and the Department of State. It has 115 country members to date spread throughout 6 regions – Africa, Asia and the Pacific, Europe and Eurasia, Latin America and the Caribbean, Near East and North Africa, and North America.

The Philippines became a member country under the GLOBE Asia Pacific cluster by virtue of the Environmental Cooperation Agreement between the Philippines and the United States of America signed on January 1999.

GLOBE Teachers and School Administrators Training on GLOBE Program EduShare, Moodle LMS, April 9, 2021



ANNOUNCEMENTS



Welcome to the GLOBE Program (Philippines) EduShare Learning Management System, an initiative of the Philippine Science High School System thru the GLOBE Program (Philippines), and the Science, Technology & Engineering (STE) Program of Batasan Hills National High School.

This LMS is open for use by all GLOBE Teachers and GLOBE Schools in the Philippines, and was built to help them deliver Blended/Distance Teaching and Learning pedagogies and adjust to the new environment brought about by the COVID-19 situation in the country. For more information, contact the GLOBE Country Coordinator at: www.globe.gov/web/philippines.

EDUSHARE About the GLOBE Program

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

GLOBE is jointly sponsored by the USA National Aeronautics and Space Administration (NASA) and the National Science Foundation (NSF), with support from the National Oceanic and Atmospheric Administration (NOAA) and the Department of State. It has 115 country members to date spread throughout 6 regions – Africa, Asia and the Pacific, Europe and Eurasia, Latin America and the Caribbean, Near East and North Africa, and North America.

The Philippines became a member country under the GLOBE Asia Pacific cluster by virtue of the Environmental Cooperation Agreement between the Philippines and the United States of America signed on January 1999.

The GLOBE Program in the Philippines is being implemented and coordinated by the Philippine Science High School System.



- ✓ On May 2021, EduShare has undergone major upgrade, both in capacity and design.
- ✓ To date, more than 70 schools have used, and have been trained in the use of EduShare, and Online Course delivery and design.

GLOBE Trees

One Million Trees by 2025 Program, and GLOBE Tree Protocol Training, **April 23, 2021**



2022 International Virtual Science Symposium



GLOBE INTERNATIONAL VIRTUAL SCIENCE SYMPOSIUM

- ✓ GLOBE Program IVSS Webinar for the Department of Education, Schools Division Office of Pangasinan, **August 23 – 25, 2022.**
- ✓ Attended by all science teachers, and supervisors from **11 Schools** under supervision of the School Division Office of Pangasinan

Republic of the Philippines
Department of Education
Region I
SCHOOLS DIVISION OFFICE I PANGASINAN
LINGAYEN I DISTRICT


District-wide Webinar
on Capacity Building of
Science Teachers in
Writing Scientific Research

Date: August 23-25, 2021
Time: 8:00 AM-5:00 PM
Zoom meeting ID: 992 3812 0371
Password: 3eCy8d

Mdm. JOAN B. CALLOPE
This serves as an invitation

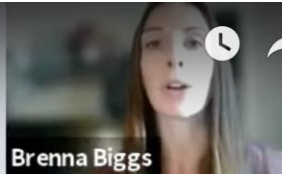

NASA and the Study of Air Quality for the TRACER-AQ Campaign, September 28, 2021 (National Capital Region, and Adjacent Provinces; September 29, 2021 (Provincial Schools))

NASA TRACER-AQ Campaign Webinar For Provincial Schools



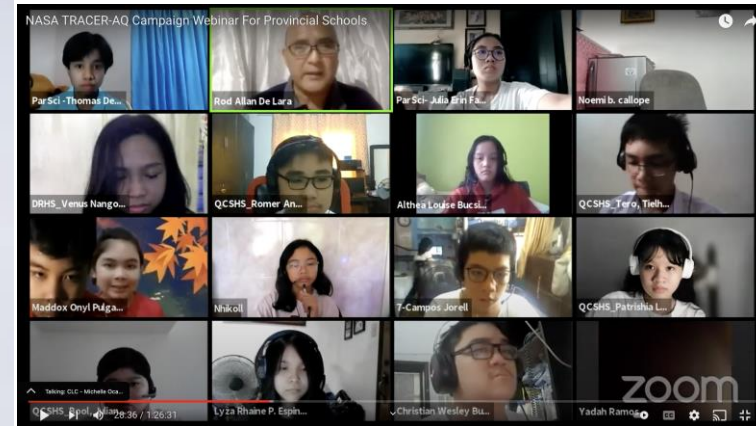
NASA and the Study of Air Quality for the TRACER-AQ Campaign

Dr. Brenna Biggs
September 28, 2021



YouTube
Facebook LIVE

✓ **2,091 Registered Teacher Participants**



A grid of 16 small video feeds showing various participants in a Zoom meeting. The feeds are arranged in a 4x4 grid. Some participants have their names visible below their feeds, such as 'ParSci-Thomas De...', 'Rod Allan De Lara', 'ParSci- Julia Bri FA...', 'Noemi b. callope', 'DRHS_Venar Nango...', 'QCSHS_Romer An...', 'Althea Louise Bucd...', 'QCSHS_Ter'o, Tiel...', 'Maddox Onyl Palga...', 'Nikol', '7-Campus Jorell', and 'QCSHS_Patricka L...'. The Zoom logo is visible in the bottom right corner of the grid.



NASA TRACER-AQ Campaign Webinar For Provincial Schools



What ELSE Does NASA Do?

Study and explore the Earth!



A presentation slide featuring the NASA logo and the text 'What ELSE Does NASA Do? Study and explore the Earth!'. Below the text is an image showing several satellites in orbit around the Earth, with a view of the Earth from space on the right side. The Zoom logo is visible in the bottom right corner.

Other Notable Achievements/ Accomplishments

- Four (4) Filipinos, 3 of them from the Philippine Science High School System, were elected as members of the GLOBE Working Group – Diversity, Equity and Inclusion (DEI) Group; Science Group; Technology Group; and Education Group.
- Integrating ADAT in STEM Research. A GLOBE Teacher Presentation (Josephine Joy Tolentino) at the Biology Teachers Association (BIOTA) Annual Conference, *“Data Science of the GLOBE Program integrated into STEM Research Projects.”*
- GLOBE Teacher (Joan B. Callope), Presentation on “Teaching in the Time of Covid-19 : Classroom Experience”, Organized by IPST and GLOBE Program (Thailand).
- GLOBE Student, Joshua Andrei A. Alayon (BNHS), was selected as one of 12 international student vloggers for GLOBE
- 2021 GLOBE Program IVSS Presentation, and Regional Meeting Student Presentation

Pending Projects, Suspended Due to Covid

- The GLOBE AP – Journal on Environmental Science;
- Zika and Allied Protocol Trainings

