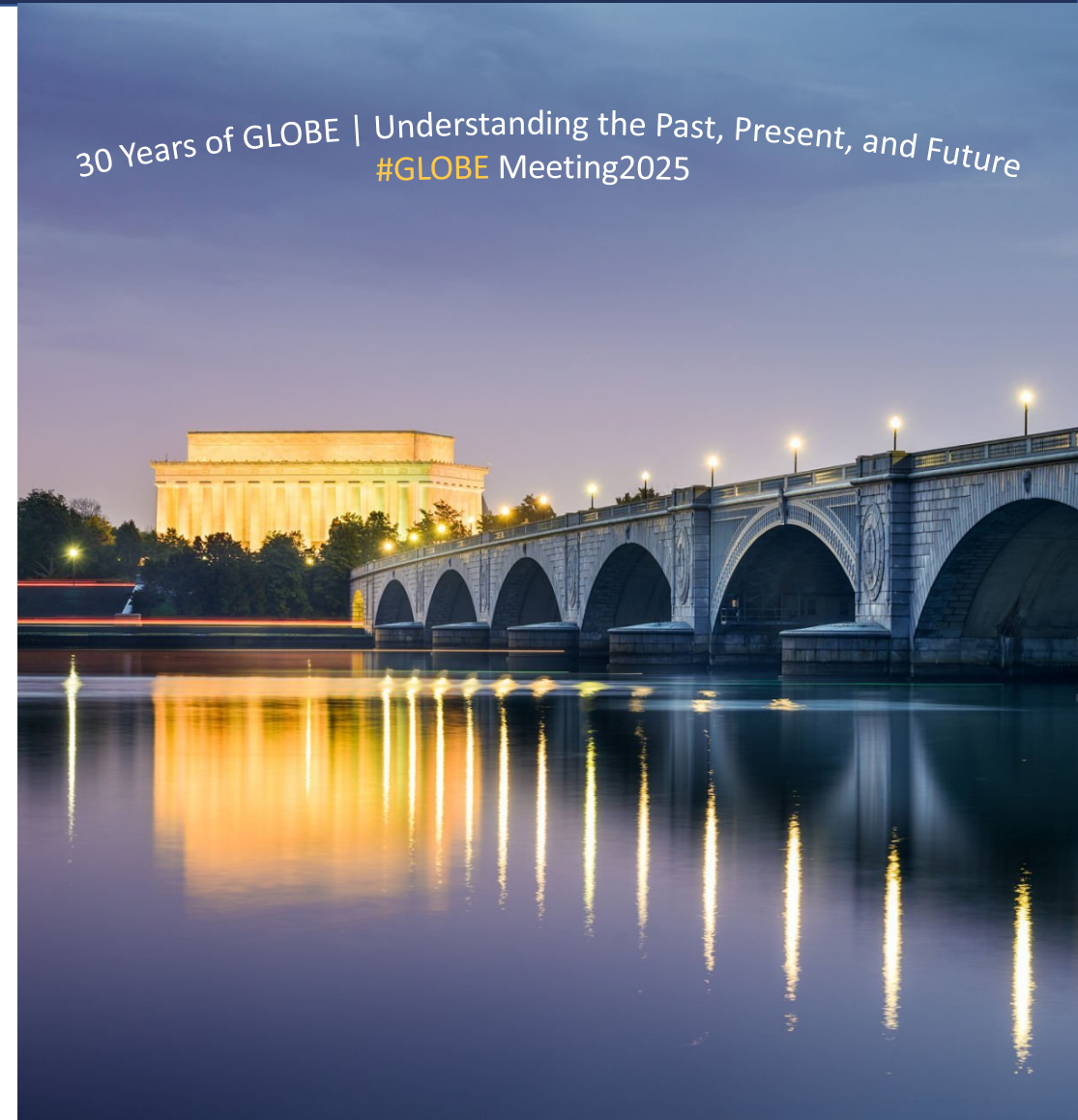




2025 Annual Report



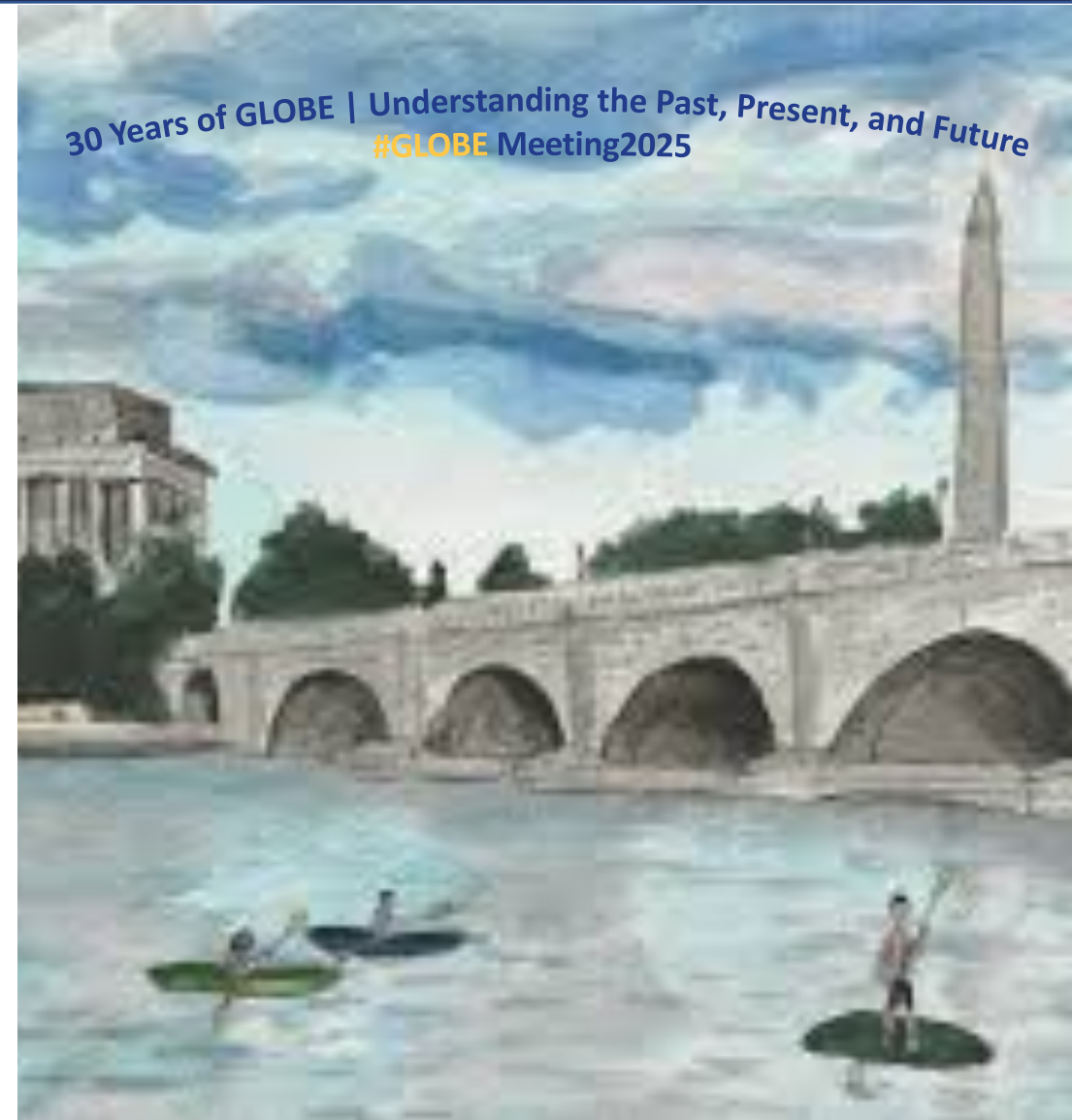
30 Years of GLOBE | Understanding the Past, Present, and Future
#GLOBE Meeting2025





Presentation Outline

- ❑ INTRODUCTION
- ❑ MOVERS & SHAKERS
- ❑ EDUCATION | SCIENCE | COMMUNITY | TECHNOLOGY
- ❑ MOVING FORWARD





INTRODUCTION

- 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.
- In 2023, the GLOBE Program (Philippines) ranked no. 3 worldwide in terms of no. of GLOBE web users.
- In 2024, Four (4) Filipinos served as members of GLOBE Working Group

COUNTRY AT A GLANCE

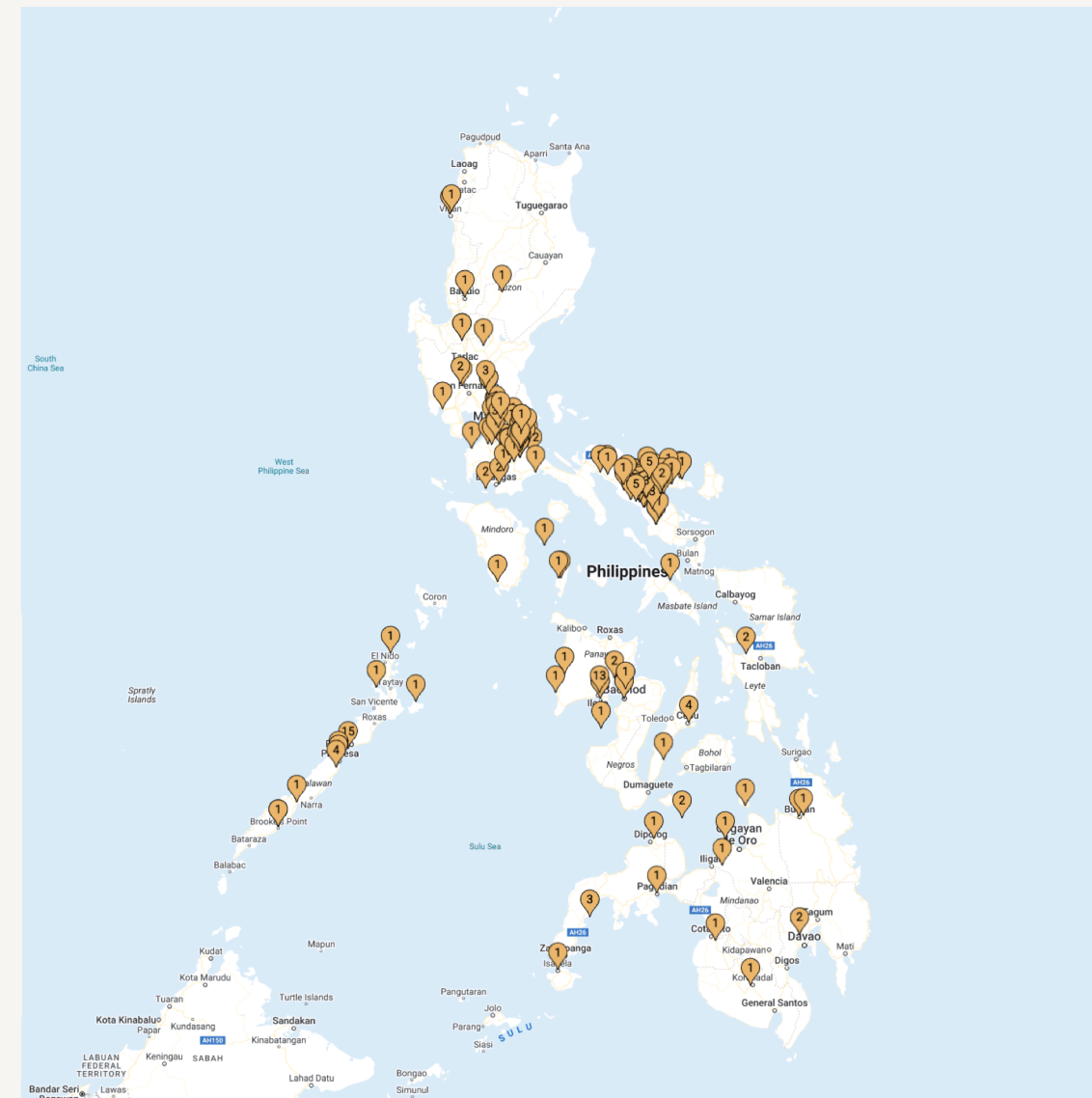
Participation | Training

10273	Students	4067	GLOBE Observers	368	Schools / Informal Education Organizations
702	Educators	18363	Data Entries	20	Honor Rolls
65	Pre-service Teachers				



Training

76	Trainers	4	Mentor Trainers	716	People Trained
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MOVERS & SHAKERS

ROD ALLAN DE LARA

- Country Coordinator, Mentor Trainer
- Chair Education Working Group

JOAN BILASANO CALLOPE

- Asst. Country Coordinator, Mentor Trainer
- Member, Technology Working Group

JOSEPHINE JOY TOLENTINO-ANTALAN

- Mentor Trainer
- Chair, Science Education Working Group

FRANCIS EMRALINO

- Trainer
- Member, DEIA (2024 – Jan. 2025)

GLOBE TEACHERS:

- Dexter Vile Laurden
- JJ Azucena
- Sarah Yimyaen



NOEMI BILASANO CALLOPE

- Bicol Region Coordinator

JOSEPHINE CEBALLOS

- Trainer, Pangasinan Province

ANDREI ALAYON & LYN ESCARCHA

- GLOBE Alumni

CYANN AYERAS

- GLOBE Vlogger





EDUCATION | SCIENCE | COMMUNITY | TECHNOLOGY

START DATE	END DATE	NAME OF GLOBE ACTIVITY / EVENT	VENUE	ACTIVITY/ EVENT DESCRIPTION	PROGRAM LEAD
07 February, 2024	07 February, 2024	NASA ASIA-AQ (Airborne and Satellite Investigation of Air Qiality) Face-to-Face Seminar, PSHS-CLC, Clark, Pampanga	Philippines	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
07 February, 2024	07 February, 2024	NASA Asia AQ Talk Series, Signapore School, Clark, Pampanga	Clark, Pampanga, Philippines	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
07 February, 2024	07 February, 2024	NASA Asia AQ Talk Series, PSHS-CLC, Clark, Pampanga	Clark, Pampanga, Philippines	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
08 February, 2024	08 February, 2024	NASA Asia AQ Talk Series, Sapang Bato National High School	Angeles City, Pampanga	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
12 February, 2024	12 February, 2024	NASA Asia AQ Talk Series, Angeles City Science High School	Angeles City, Pampanga	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
12 February, 2024	12 February, 2024	NaSA Asia AQ Talk Sereis, Pandaras Integrated School	San Fernando, Pampanga	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs





EDUCATION | SCIENCE | COMMUNITY | TECHNOLOGY

START DATE	END DATE	NAME OF GLOBE ACTIVITY / EVENT	VENUE	ACTIVITY/ EVENT DESCRIPTION	PROGRAM LEAD
13 February, 2024	13 February, 2024	NASA Asia AQ Talk Series, Angeles City Science High School	Angeles City, Pampanga	Lecture Series on Air Quality conducted by NASA Asia AQ Mission	Dr. Brenna Biggs
09 March, 2024	09 March, 2024	NASA Asia-AQ Webinar : NCR, Pampanga, and CamSur Schools	Philippines		
16 March, 2024	17 March, 2024	ELEVATE CALABARZON 2024 : Teacher Training Workshop for Teachers	Batangas City, Philippines		
22 March, 2024	22 March, 2024	NASA-AQ Webinar : Asia Pacific Countries	Philippines		
20 August, 2024	20 August, 2024	YLACES Equipment Grant For GLOBE Protocol Training	Quezon City	Received Equipment Grant from YLACES for GLOBE Protocol Training	Joan Bilasano Callope
05 October, 2024	07 October, 2024	Coloscaoyan National High School Science Camp : GLOBE Protocol Training	Coloscaoyan National High School, Bautista, Pangasinan	Conducted GLOBE Protocol Training to teachers and students of Coloscaoyan National High School	Sarah Yimyaem, GLOBE Teacher; Joan Bilasano Callope
12 October, 2024	14 October, 2024	Empowering curious minds: Exploratory teaching through immersive learning using the GLOBE program protocols : The 29th Biennial Conference of Asian Association for Biology Education (AABE)	Matsuyama, Japan	Paper presentation in an international Conference	Josephine Joy Tolentino-Antalan





The GLOBE Program (Philippines)

Asia-Pacific Regional Meeting
May 5 – 7, 2025

START DATE	END DATE	NAME OF GLOBE ACTIVITY / EVENT	VENUE	ACTIVITY/ EVENT DESCRIPTION	PROGRAM LEAD
17 October, 2024	19 October, 2024	Paper Presentation at the 26th Samahan ng Pisika ng Visayas at Mindanao. Paper titled: <i>"pH and dissolved oxygen assessment of Calumpang River System in Batangas City, Philippines"</i> ,	University of Santo Tomas, Manila, Philippines	GLOBE Hydrosphere Protocols, Cloud Observations, and the GLOBE Observer	Cyann Antonnete Ayeras , Globe Alumni and Globe Vlogger; Dexter Vile Laurden , Globe Teacher; and Francis Murillo Emralino
31 October, 2024	31 October, 2024	GLOBE Asia-Pacific Soil in Schools Campaign	PSHS Calabarzon Campus, Batangas City, Batangas, Philippines	Participation inf Asia Pacific GLOBE "Soil in Schools" Campaign	Francis Murillo Emralino
28 November, 2024	28 November, 2024	Introduction to GLOBE Program and GLOBE Protocols to Grade 11 students		Orientation on IVSS Paper Submission	Francis Murillo Emralino
26 January, 2025	26 January, 2025	Introduction to GLOBE Program and GLOBE Protocols to University Students	University of the Philippines, Diliman, Quezon City, Philippines	Introduced the GLOBE Program and conducted hands-on training on GLOBE protocols to a group of University Freshmen.	Andrei Alayon , GLOBE Alumni; and Joan Bilasano Callope
22 February, 2025	22 February, 2025	Capacity Building for STEM Teachers: Enhancing Skills in Scientific Research Writing. In cooperation with the "Biology Teacher Association of the Philippines (BIOTA, Philippines)"	Institute of Biological Sciences, UP Los Baños	GLOBE Teacher Training on Atmosphere Protocol	JJ Azucena , Globe Teacher; and Josephine Joy Tolentino-Antalan

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EDUCATION | SCIENCE | COMMUNITY | TECHNOLOGY

START DATE	END DATE	NAME OF GLOBE ACTIVITY / EVENT	VENUE	ACTIVITY/ EVENT DESCRIPTION	PROGRAM LEAD
28 February, 2025	28 February, 2025	GLOBE Student Vlogger Program	Laguna College - High School Department, San Pablo City, Laguna	Student orientation for the 2025-2026 cohort of GLOBE Student Vloggers	Francis Murillo Emralino
17 April, 2025	19 April, 2025	Soil Mapping and GLOBE Protocol Workshop in Hanawan National High School (Part I)	Hanawan National High School, Ocampo Camarines Sur, Philippines	Trained students and teachers of Hanawan National High School on GLOBE Protocols and on the use of GLOBE equipment and instruments donated by Joan Callope thru the YLACES Grant.	Noemi Bilasano Callope , GLOBE Teacher; and Joan Bilasano Callope
24 April, 2025	24 April, 2025	Urban Heat & Greenhouse Gas Trends in Filipino Urban Areas : Pre- vs Post-Quarantine	ASEAN Youth in Climate Action and Disaster Resilience Conference, National Youth Commission	GLOBE Research Paper accepted in an international conference on climate change	Lyn Escarcha , GLOBE Alumni; Joan Bilasano Callope
25 April, 2025	27 April, 2025	Soil Mapping and GLOBE Protocol Workshop in Hanawan National High School (Part II). With participation from Schools Division of Masbate; and Schools Division of Catanduanes	Hanawan National High School, Ocampo Camarines Sur, Philippines	Trained students and teachers of Hanawan National High School on GLOBE Protocols and on the use of GLOBE equipment and instruments donated by Joan Callope thru the YLACES Grant.	Noemi Bilasano Callope , GLOBE Teacher; and Joan Bilasano Callope
01 May, 2025	31 May, 2025	NASA-USGS mission called GEMx (Geological Earth Mapping Experiment),	Philippines	Lecture Series on Geological Earth Mapping Experiment	Dr. Brenna Biggs





MOVING
FORWARD

- NASA Lecture Series
- Partnership with the Philippine Space Agency
- Re-integration of the GLOBE Protocol into the *"Integrated Science Curriculum"* of PSHS Main Campus
- Revival of the *"EduShare"* : Online Teacher Training





The GLOBE Program (Philippines)

Asia-Pacific Regional Meeting
May 5 – 7, 2025



SOIL MAPPING PROJECT (CAMARINES SUR) USING YLACES EQUIPMENT GRANT. APRIL 17 – 19, 2025 AND APRIL 25 – 27, 2025. PARTICIPATED BY HANAWAN NATIONAL HIGH SCHOOL; SCHOOLS DIVISION OF MASBATE; AND SCHOOLS DIVISION OF CATANDUANES



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GLOBE PROGRAM ORIENTATION WITH UNIVERSITY FRESHMEN BY GLOBE ALUMNI JANUARY 26, 2025. AT THE UNIVERSITY OF THE PHILIPPINES, DILIMAN, QUEZON CITY



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CAPACITY BUILDING FOR STEM TEACHERS: ENHANCING SKILLS IN SCIENTIFIC RESEARCH WRITING.

FEBRUARY 22, 2025 AT THE INSTITUTE OF BIOLOGICAL SCIENCES, UNIVERSITY OF THE PHILIPPINES LOS BANOS CAMPUS. WITH MEMBERS OF "BIOLOGY TEACHER ASSOCIATION OF THE PHILIPPINES (BIOTA, PHILIPPINES)"



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GLOBE PROGRAM SCIENCE CAMP, COLOSCAOYAN NATIONAL HIGH SCHOOL.

OCTOBER 4 – 6, 2025, AT COLOSCAOYAN NATIONAL HIGH SCHOOL BAUTISTA, PANGASINAN





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