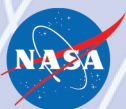


# ANNUAL REPORT

**GLOBE – Taiwan**

2024-2025

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## INTRODUCTION

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In 2023, the work was completed. From a quantitative perspective, a total of 4,981 participants were involved, with 2,883,673 observations recorded. One domestic event was organized and four major international webinars and symposium were attended. There were 13 2024 IVSS projects and 11 2025 IVSS projects. In 2024, Taiwan contributed a total of 13 works, with five of them receiving the highest rating of four stars. In 2025, Taiwan contributed a total of 11 works, with one of them receiving the highest rating of four stars. Five teachers and students from Taiwan visited Nepal during May 21 to May 24 to participate in routine student achievement presentations. Taiwan coordinator, Dr. Pay-Liam Lin, and five teachers and students participated in the 2024 Annual Meeting.

In addition to IVSS and the annual conference, the GLOBE Taiwan Office collaborates with the American Institute in Taiwan to organize workshops aimed at enhancing science teachers' English teaching skills. There were also many collaborative activities among schools in Taiwan. For example, GLOBE schools work together on GLOBE observation projects, such as measuring water quality in nearby rivers, conducting analyses and discussions, and sharing results. They also visited research institutions together to learn about the work of scientists, thereby inspiring students' interest in science.

A noteworthy example is the collaboration between a high school and a junior high school in Kaohsiung. They have partnered with Nagoya Sangyo University in Japan on a project to measure the concentration of carbon dioxide and observe plant growth at their respective campuses. The results were then shared with local communities around the schools, helping to promote the GLOBE program to the public.

In 2025, we are currently preparing a project proposal to get funding. We will keep inviting more schools to join GLOBE, hosting trainings, and the GLOBE Learning Expedition.

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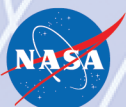


## EDUCATION

In 2024, GLOBE Taiwan collaborated with the American Institute in Taiwan (AIT) to host the GLOBE-STEM English Presentation Skills Workshop on April 23, 2024. The objectives of this workshop were to enhance the English teaching skills of science teachers, which was also aligned with the bilingual policy of Taiwan government. The target participant of this event were GLOBE teachers. The instructor was Mr. Ramon A. Mislang, AIT English language fellow. He taught GLOBE teachers how to guide students in writing scientific English reports, and how to present STEM scientific reports in English through PowerPoint, posters and videos.



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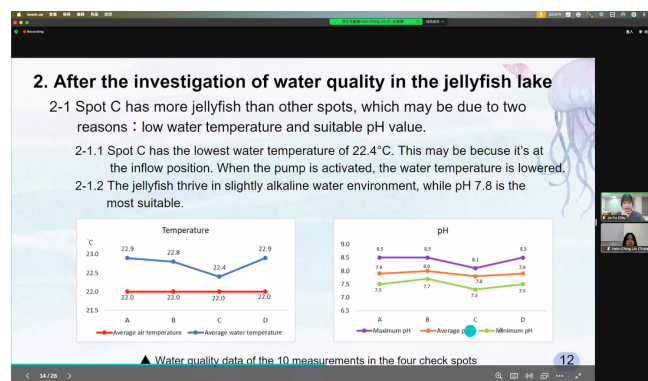




## SCIENCE

GLOBE protocols used in Taiwan include digital multi-day Max-min-current air, soil temperature, barometric pressure protocol, clouds observations, precipitation, relative humidity, surface temperature, DAVIS weather station, water temperature, water pH, transparencies, alkalinities, conductivities, nitrates, salinities, dissolved oxygens, GPS, biometry trees, vegetation covers, mosquito habitat mapper, MUC, carbon cycle, microplastics monitoring. Up until early May, there are currently 2,883,673 data entries accumulated.

Students shared their investigation results through IVSS, webinars and symposiums. Five Taiwan reports were presented through GLOBE Asia-Pacific Regional Virtual Wetland Symposium on February 2, 2024.

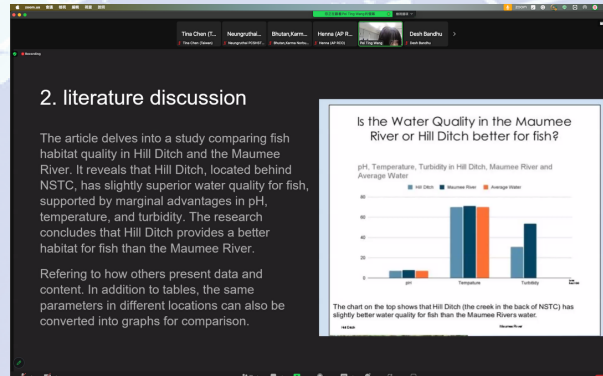
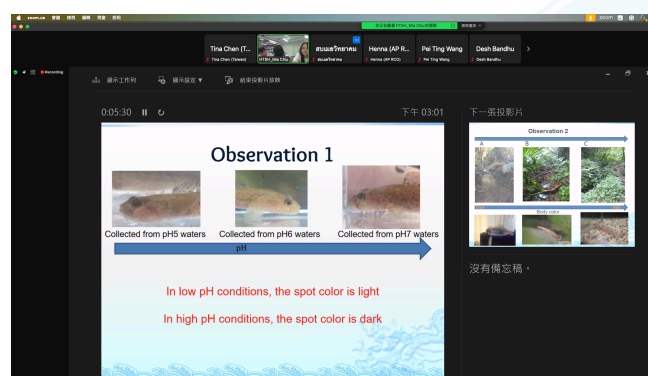


**water sample 6**

- plant roots or hairs
- algae
- cellulose fibres
- Not sure

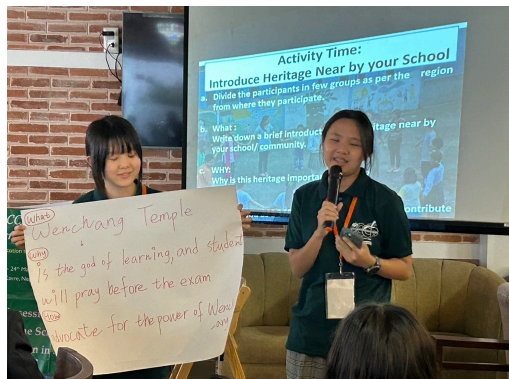
(but it shouldn't be cellulose fibers)

Photo code	shape	color	size(mm)	guess
1	Slender strips, not equally thick in the middle and at both ends.	brown	0.16*0.1	hair
2	Slender strips, ranging from thick to thin overall. Not sure if it's extra thick or translucent. Very similar to VWH1.	brown	0.21*0.008	plant roots or hairs
3	Slender strips, ranging from thick to thin overall. Not sure if it's extra thick or translucent. Very similar to VWH1.	brown	0.32*0.006	plant roots or hairs
4	Slender strips, ranging from thick to thin overall. Not sure if it's extra thick or translucent. Very similar to VWH1.	brown	0.32*0.006	plant roots or hairs

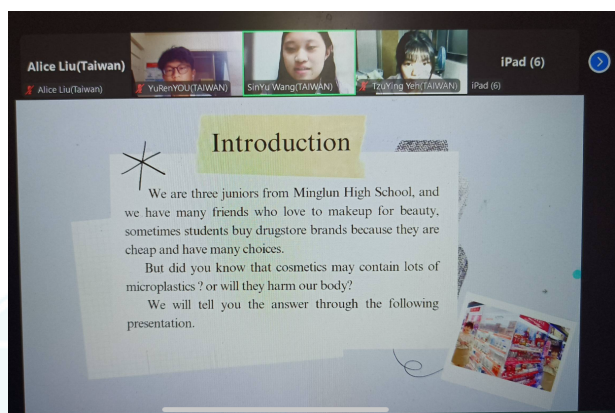
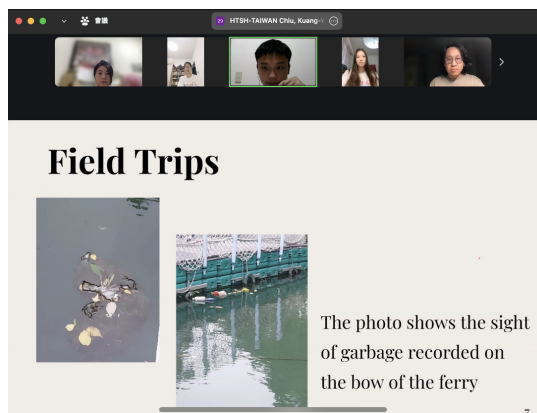


# THE GLOBE PROGRAM

Three teachers and two students participated in ECCA 5<sup>th</sup> National Conference of School Clubs in Nepal on May 21-24, 2024.



Three Taiwan reports were presented in Webinar-GLOBE Student Presentation on Microplastic in Soil on October 31, 2024.



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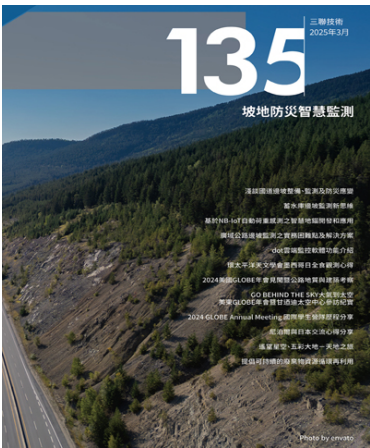


COMMUNITY

There were lots of inter-schools activities. A noteworthy example is the collaboration between a high school and a junior high school in Kaohsiung. Kaohsiung Girls’ Senior High School has been collecting data of CO<sub>2</sub> and collaborating with Nagoya Sangyo University since 2023. In 2024, Kaohsiung Girls’ Senior High School invite Cianjin Junior High School to join with them to measure the planets around their campus. Their results were shared with local communities around the schools, helping to promote the GLOBE program to the public.



Moreover, teachers and students who participated in international event share their experience on a journal. It indeed promote GLOBE to the public more effeciently.







## STAFF

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Country Coordinator

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