2023 GLOBE Asia-Pacific Regional Meeting 2022 Taiwan Report



Coordinator: Dr. Pay-Liam Lin Date: March 11, 2023

Supported by: **NSTC** 國家科學及技術委員會 National Science and Technology Council







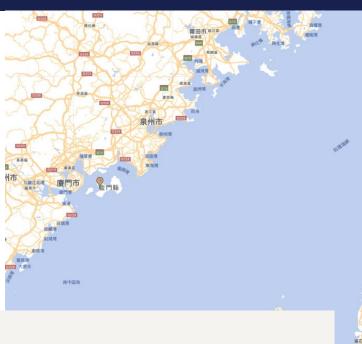














Participation

Training

3530 Students

154 Teachers

26 Pre-service Teachers

920 GLOBE Observers

2129171 Data Entries

69 Schools

325 Honor Rolls





Observations in Taiwan

- Barometric Pressure
- Cloud Protocols
- Relative Humidity
- Precipitation
- Digital Multi-Day Max/Min/Current Air and Soil Temperature
- Surface Temperature
- Davis Weather Station (Optional)
- Water Transparency (Optional)
- Electricity Conductivity (Optional)
- Water pH (Optional)
- Alkalinities
- Dissolved Oxygen

- Mosquito Habitat Mapper
- Vegetation Covers
- Nitrates
- Salinities
- Transparencies
- Water Temperature
- Biometry Trees
- Carbon Cycle
- Microplastics Monitoring (developing protocol)







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Highlights in 2022 **New schools** recruitment









New GLOBE Schools Recruitment

- 9 schools joined GLOBE
- Hemei Senior High School
- TzuChang Junior High School
- 3. Keelung Municipal Badou Senior High School
- New Taipei Municipal Bali Junior High School
- Kaohsiung Municipal Cianjhen Senior High School
- Taichung Municipal DA-AN Junior High School
- Hong Wen High School
- Taoyuan Municipal Jhongli Commercial High School
- 9. Chien-Kuo Junior High School













GLOBE webinar for new GLOBE teachers on June 15, 2022

During the COVID-19 pandemic, we still tried to keep in touch with GLOBE teachers.





















Highlights in 2022 **2022 GLOBE IVSS**





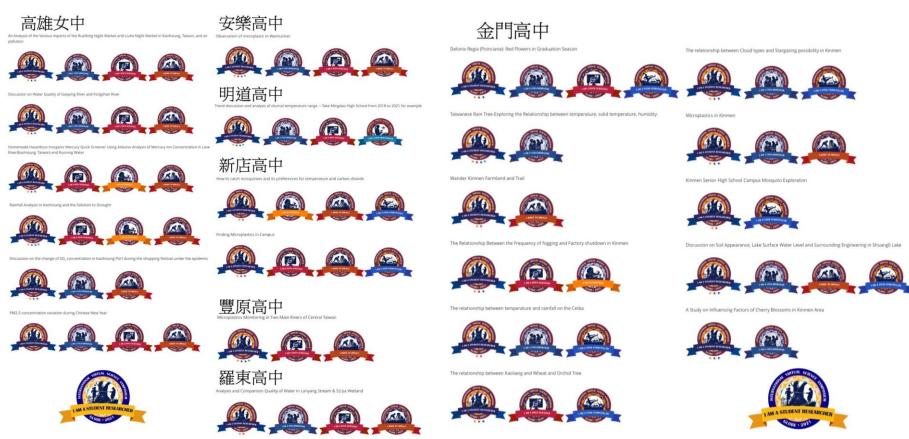




THEGLOBEPROGRAM 2022 GLOBE IVSS



Taiwan students from 7 schools successfully submitted
23 reports. 5 of them earned 4-star.











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Highlights in 2022 **Teachers and Students** presentations



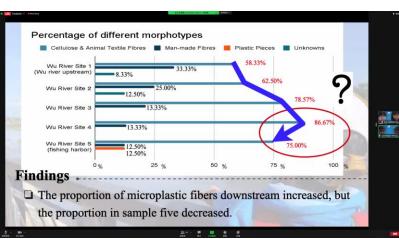


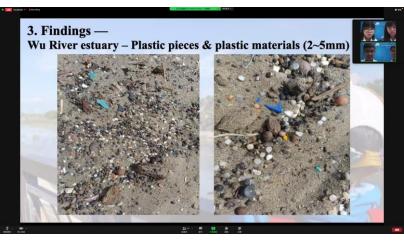




2022 GLOBE Asia-Pacific Regional Meeting 2 Student Presentation on January 24, 2022











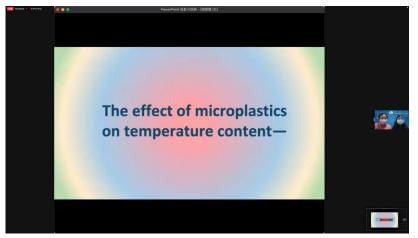


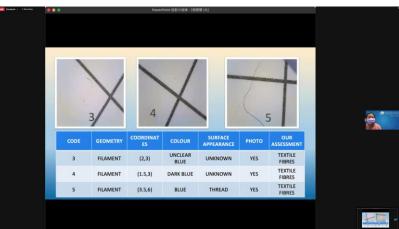


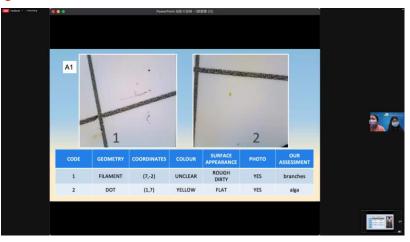


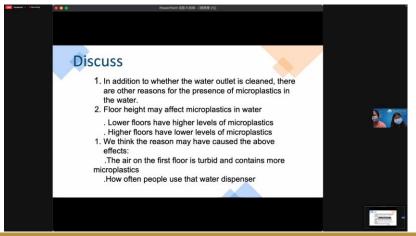


2022 GLOBE Asia-Pacific Regional Meeting 2 Student Presentation on January 24, 2022















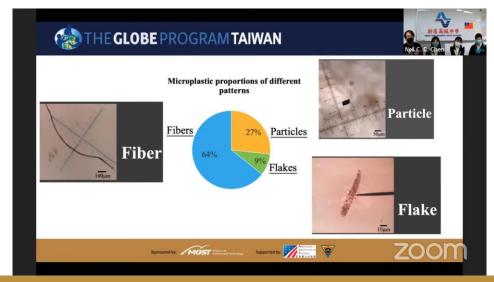




2nd Virtual International **Education of RIVERS IN** SPRING on March 22, 2022

 GLOBE Taiwan teachers and students were invited to share investigating results in 2_{nd} Virtual International Edution of RIVERS IN SPRING















2022 Taiwan Geoscience Assembly on June 8, 2022

 Dr. Pay-Liam Lin shared the achievement of GLOBE Taiwan in 2022 Taiwan Geosciences Assembly (TGA) conference













Highlights in 2022 **Promotion activities**









Instrument Shelter Manufacturing Workshop

on July 26, 2022

















 GLOBE inter-schools activity and visiting of Taiwan-Area Heavy rain **Observation and Prediction Experiment on July 21, 2022**











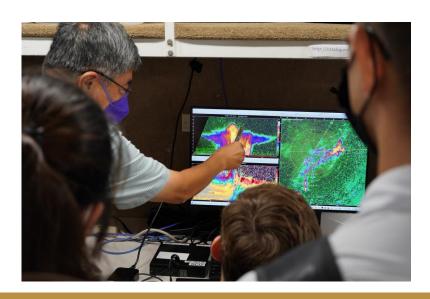






 GLOBE inter-schools activity and visiting of **Taiwan-Area Heavy rain Observation and Prediction Experiment on July 21, 2022**

















- GLOBE inter-schools activity and visiting of Taiwan-Area Heavy rain Observation and Prediction Experiment on July 21, 2022
 - After field trip, GLOBE Taiwan team explain the theory of Doppler radar and discuss the relationship and differences between TAHOPE experiment and GLOBE daily observations.
 - Students from two GLOBE schools shared their GLOBE daily observation experiences and investigation results.











2022 Taiwan Climate **Action Expo**

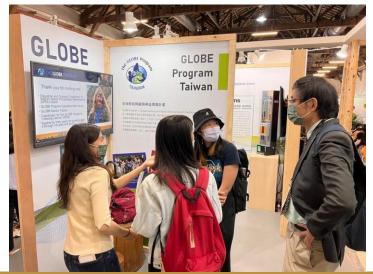


October 7-9, 2022 at Taipei



















2022 Taiwan Climate Action Expo



October 7-9, 2022 at Taipei











Coming Soon...

April

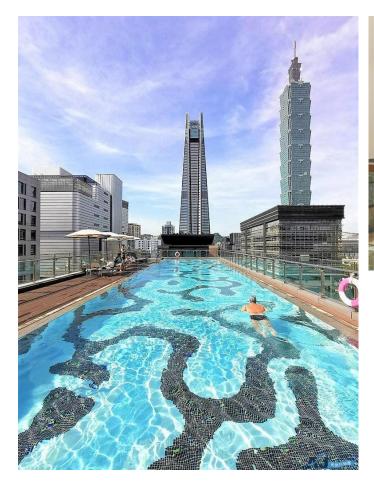
Dr. Amy Chen plans to visit GLOBE Taiwan in April. Dr. Amy Chen, Associate Program Manager - Early Career Research, GLOBE, NASA HQ Earth Science Division

May

Open Call Expo, NSTC GLOBE Taiwan plans to exhibit the achievement and the implementation of GLOBE in Taiwan









Thank you! globe@pblap.tw





