



Seychelles GLOBE Annual Report 2023

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Introduction

The primary goals of the GLOBE program are to enhance scientific understanding of the Earth system, promote science education, and foster global cooperation in environmental research. Students and teachers from around the world engage in hands-on, inquiry-based learning by conducting measurements and observations in their local environments. The data collected by participants contribute to a global database that researchers can use to study and monitor changes in the Earth's environment.

GLOBE covers a range of scientific protocols and investigations, including atmosphere, hydrology, soil, land cover. By actively involving students in scientific research, GLOBE aims to inspire a new generation of environmentally aware and scientifically literate individuals.

The GLOBE program is a collaboration between NASA, NOAA, NSF and other international partners, it serves as an excellent example of how citizen science and education can contribute to our understanding of the Earth's Dynamic Systems

Seychelles GLOBE Workshop 2023

The Division of Science, Technology and Innovation in partnership with the Ministry of Education, delivered a workshop from 26th -28th June 2023, supported by the US Embassy in Mauritius and Seychelles. The workshop was officially opened by the Director General for DSTI and the Keynote address was delivered by Mr. Jonathan Koehler, responsible for Public Affairs at the US Embassy Mauritius and Seychelles. The training included participants from primary, secondary, and SITE teachers including those from the outer islands. The opening activity was attended by Government Officials from the Ministry of Education. During the training, the Ambassador for USA to Seychelles Mr. Henry V. Jardine, paid a courtesy visit to the training group. At the end of the training, the participants received the training certificate.

The topics covered in the training included:

- Scholarship opportunities at U.S. colleges and universities
- Earth System Poster
- Hydrology and CBP /LA
- Invasive Species
- Atmosphere protocols
- Practice protocols
- Observe Natural Phenomenon
- Mosquitoes
- GLOBE Observer and MHMA
- Training of GLOBE Platform



Training Group Photo

Strategy for admission of GLOBE Students

The strategy for admission are:

- Develop an online application setup for GLOBE to admit the students
- Guideline on the documentation
- Reach out to the primary, secondary and SITE;
- Identify a potential focal point;
- Establish a dedicated support team to assist GLOBE students;
- Established guidelines mechanism to monitor student progress

GLOBE Data Platform

The purpose of the GLOBE data platform revolves around facilitating the collection, sharing, analysis and utilization of environmental data gathered through the GLOBE program. The focal point staff can create a login for the students.

Here are the key purposes of the GLOBE data platform.

1. Centralized Data repository
2. Scientific research and analysis
3. Educational Resources
4. Decision Support- Policy making

Potential Stakeholders for GLOBE

The potential stakeholders for GLOBE in Seychelles are the Ministry of Education, DSTI, NGOs, Department of Environment, and the US Embassy.

Recommended Activities for 2024

1. Preparation of standard operating procedures for Seychelles GLOBE with the support of experts
2. Workshop for Primary and Secondary students with the help of GLOBE experts
3. Training of Teachers for the GLOBE platform
4. Selection of Focal Point representatives from each school for GLOBE
5. Setting up an Automatic Weather Station (AWS) for Seychelles

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