

## *Nepal*

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### Organization and Number of Staff:

Environmental Camps for Conservation Awareness (ECCA) and 15 staff, more than 100 active youth counselors

### Funding by:

ECCA and integrating with different programs and project activities.

### Cooperating Organizations/Individuals:

different stakeholders according to the needs and projects

### GLOBE Schools (what types, how many):

Previously more focused on government schools and now focusing on private or community schools – 5 private schools and 15 government schools

### GLOBE Areas you and schools focus on:

- Hydrology
- Atmosphere
- Mosquito
- Land coverage and soil (for practice only)

### Number of Schools Reporting Data over the Past Year:

only 5 schools

### Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

#### 1. Education

ECCA has provided GLOBE Program awareness training for 40 youths and teachers and 60 students with 15 school teachers. Where the trained youth support training school students. (To know, to do, to sustain approach)



Youth Training Program – One-day GLOBE training in March 2022 for 24 youth from different colleges.

ECCA Camp – GLOBE on June 8, 2022, One of GLOBE’s schools shared its GLOBE activities with other 6 schools Ms. Sulakchana Rai visited one of GLOBE’s schools in Jhapa, Amity Secondary School.

The youth or GLOBE alumni have been supporting GLOBE activities whenever required.

ECCA engaged them in training, expeditions, online webinars, etc. Three youth GLOBE trainers were involved in Pokhara Expedition. The Nepal GLOBE country coordinator was a resource person in Bhutan Online GLOBE teachers’ training in April 2022.

GLOBE schools’ teachers, students, and GLOBE trainers and alumni participated in different online capacity-building webinars organized by RCO.

### **Professional Development**

*EG2. GLOBE's capacity to deliver high-quality professional learning experiences (training) has increased*

## 2. Science

After the support from GLOBE plus program, all supported schools started doing science research using GLOBE protocols which were presented in APR webinars and submitted their artifacts in different forums. It has enhanced the schools to do science and interest in STEM education and integrated it into their subject lesson activities.

### **Student Investigations**

*EG3: Students develop high-quality STEM investigations of Earth systems phenomena from a local to global scale perspective.*

### **Science Projects**

*SG4. Increase the number of projects focused on environmental awareness and contributing to environmental benefits:*

## 3. Community

The engagement of schools in GLOBE





programs and their activities are reflected in different forums like GLOBE webinars and GLOBE Star reports on the GLOBE website. Besides, they are planning to share their works through IVSS.

ECCA hosted the Pokhara Lake Expedition from **September 27 to October 3, 2022, with** 40 students and teachers from seven different GLOBE countries. A NASA media team of three visited to develop the Lake Expedition video, which will be shared in the GLOBE community in the future. Likewise, there were representatives from US Embassies in Nepal and Bangladesh to understand the GLOBE program.

GLOBE youth organized the program for EARTH Day 2022 on April 22 which different college youth were invited. They showcased different environmental activities, exhibitions, poem competitions, and games where Ms. Laura Djuragic, Regional ESTH Officer for South Asia visited and interacted with youth on the GLOBE program to understand how they have been doing GLOBE in Nepal.



*EG4. Information on GLOBE's educational impact is regularly shared by the community:*

### **Interactions and Collaboration**

*CG2. Increase interactions and collaborations among local, regional, and international GLOBE communities through events and activities.*

#### 4. Technology

ECCA encourage their GLOBE Students and GLOBE observation & enter data, but still, there is less data entry though they do GLOBE activities regularly. ECCA emphasizes the training of teachers & students on the GLOBE webpage & use of GLOBE Science Data Visualization to develop research projects. ECCA also proposed encouraging students & teachers to observe and use GLOBE data to prepare research projects.

In this section, ECCA needs to work more to make schools easy on data entry.

### **Data Systems**

*TG1. The use of GLOBE data systems (data collection, data entry, visualizations, ADAT, and retrieval) has increased*

## 5. Communications

Nepal schools, students, and GLOBE trainers are in the communication link through AP GLOBE Messenger Group, email, and another separate messenger group who participated in different programs.

There were two sharing meetings on the GLOBE program in Nepal with Mr. Patrick S. Gan, Regional ESTH officer for South Asia, one in the ECCA office on September 16, 2022 and another in US Embassy on December 13, 2022

### **Interactions and Collaboration**

*CG2. Increase interactions and collaborations among local, regional, and international GLOBE communities through events and activities.*

### **Communication Pathways**

*CMG1. Improve the communication pathways among the GLOBE community*

### **Plans and Ideas for 2023/2024:**

1. GLOBE training program for youth - March 2023/ 2024
2. GLOBE training program for students – April/May/June 2023
3. Refresher training on GLOBE for teachers and students – November/December 2023
4. Lake Expedition Exchange Program – April end 2023 / September 2023
5. National Child Club Conference – April/May 2024