

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 the Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

1. Education

ECCA has provided GLOBE Program awareness training altogether for 22 youths, 25 teachers, 24 SMC, 2 Education unit representatives, and 42 students.

Altogether, it approached 25 schools in five districts where the trained youth support training school students. (To know, to do, to sustain approach)

The "Nature Club Interaction Program" was organized by ECCA in Letang, Morang, on December 13-15, 2023, with 42 students from 14 schools in three districts - Morang, Dhankuta, and Jhapa. The program's main goal was to increase awareness of the GLOBE Program and its protocols. ECCA provided GLOBE kits to all schools and guidance on how to use them for new members of nature clubs and teachers.



ECCA organized two ECD (Early Childhood Development) trainings for teachers and school stakeholders of five remote schools of Malu village, Tamakoshi Rural Municipality, Dolakha, and 14 remote schools of Lothar and Korak villages, Rapti Municipality of Chitawan in November 2023. Two teams visited separately in those villages. There are no electricity or even phone networks in many schools. The training focused on teaching practices,

development of ECD materials, and practicing science activities based on GLOBE protocols, mainly on atmosphere protocols such as cloud observation and temperature for primary students. ECCA has also provided support by supplying cloud charts and thermometers to schools where data will be displayed in classrooms with cloud names and temperature. GLOBE activities nurture “knowing-doing science” among students and even for many



teachers. There was other content on ECD and WASH management in schools.

ECCA organized a Counsellor Training Camp for 22 youths from 11 colleges in the ECCA training hall on

Jan 17 -18, 2022. The camp was focused on WASH-N,



School Environment, PwD, Intellectual Disability, Climate Learning, GLOBE - learning through the GLOBE Observer App and exercise Cloud Protocol, ECD and life skills. The training was provided to college youth to send to different village schools and train the teachers and students to improve their education skills.



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

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 the GLOBE training 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' science and interest in STEM education and integrated it into their subject lesson activities.

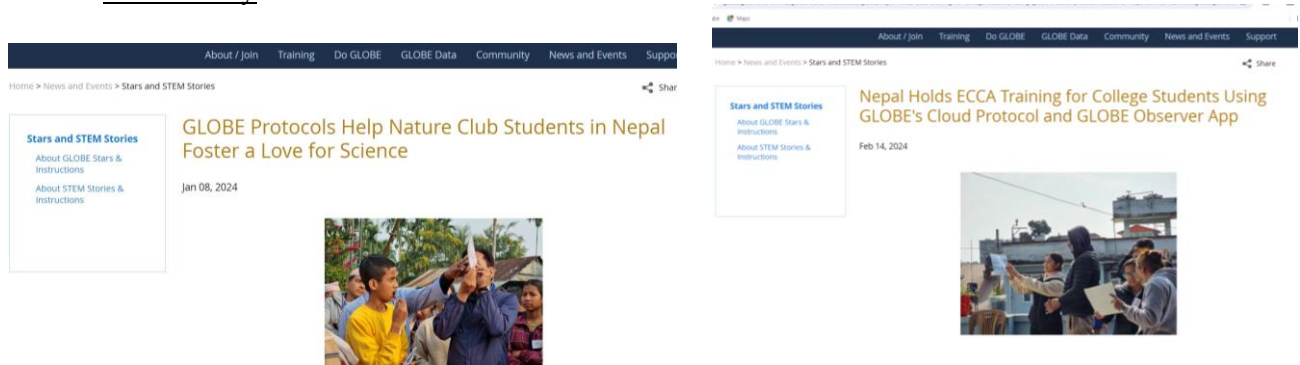
Student Investigations

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 submitted the four different star reports and published them on the globe websites.

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 encourages 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 and Observer Apps 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 sharing meetings on the GLOBE program in Nepal with Mr. Patrick S. Gan, Regional ESTH officer for South Asia in the US Embassy on Feb 9, 2024, and interaction with college students on Air Awareness and The GLOBE Program.



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 2024:

1. Celebration of World Water Day in Patan Durbar Square, Lalitpur March 22, 2024
2. GLOBE training program for students (HOPE School) –April 22, 2024
3. National Child Club Conference – May 20-25, 2024, in East Nepal
4. GLOBE training program for youth – October 2024 in ECCA, Kathmandu
5. Refresher training on GLOBE for teachers and students – November/December 2024, in Dhulikhel, Kavre.