

ANNUAL REPORT

GLOBE – Nepal

May 2024 - April 2025

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INTRODUCTION



Name: *Yogendra Chitrakar*

Function: *Country Coordinator (CC)*

Organization: *Environmental Camps for Conservation Awareness*

E-mail: *yogendra@ecca.org.np*

Tel: *++977 1 5553870 / ++977 9851069348 (mobile)*

Website: *www.ecca.org.np*

Organization and Number of Staff: Environmental Camps for Conservation Awareness (ECCA) and 16 staff, more than 100 active youth counselors

Funding by: ECCA and integrating with different programs and project activities. YLACES supported GLOBE materials in 2024

Cooperating Organizations/Individuals: - different stakeholders according to the needs and projects, Youth of ECCA, and Rotractors

GLOBE Schools (what types, how many):

Previously, more focused on government schools and now focusing on private or community schools – 6 private schools and 15 government schools

GLOBE Areas you and your school focus on:

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

Number of Schools Reporting Data over the Past Year: Only 5 schools

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EDUCATION

1. Education

ECCA Nepal organized the 5th National Conference of School Clubs themed “Future Now for Education for Sustainable Development” from May 21-24, 2024, in Banepa, Kavre.



The conference aimed to foster knowledge sharing among school clubs on child club activities; enhance sustainability and self-sufficiency of school clubs; provide practical and scientific exposure to environmental and social issues including climate change, child rights, school environment, water and sanitation, inclusion, etc.; and integrate children in community development and advocacy efforts. The conference hosted altogether 173

participants (from 47 schools from Nepal, 2 schools from Taiwan, and 2 schools from Thailand) representing school club members (Grades 7-9), teachers and school management committee members from nine districts across Nepal: Kathmandu, Lalitpur, Kavrepalanchok, Dolakha, Chitwan, Rupandehi, Dhankuta, Jhapa, and Morang, alongside international participants from Thailand and Taiwan. Additionally, 50 guests from different entities, including Taksvarkkiry-Finland, IUCN, UNESCO, GNHA, Finnish Embassy, Lumbini Buddhist University, Rotary Club and many other organizations attended the conference, managed by 26 organizers.





The "Nature Club Interaction Program" was organized by ECCA in Letang, Morang, in December 2024, with 42 students from 15 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 a Counsellor Training Camp for 24 youths from 11 colleges in the ECCA training hall on April 7 -10, 2024.



- The ECCA Youth Forum hosted an exhibition at Patan Durbar Square for World Water Day 2025, highlighting a month-long water quality study of five traditional stone spouts in Patan, Lalitpur. They tested different parameters like pH, conductivity, chloride, nitrate, phosphate, ammonia, temperature, and iron, where the key findings were that pH and coliform underscored the urgent need for conservation, policy reforms, and community involvement to protect these vital water sources. The exhibition also featured a photo display of the Bagmati River's transformation and engaging activities, emphasizing the importance of safeguarding these historical resources.



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

GLOBE schools' teachers, students, 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

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SCIENCE



After receiving support from the GLOBE training program, all supported schools started conducting science research using GLOBE protocols, which were also presented in the APR webinars. They submitted their artifacts in different forums. This has enhanced the schools' science and interest in STEM education and

integrated it into their subject lesson activities. They started learning doing science through “One School One Heritage” in the nearby natural and cultural heritage sites using the GLOBE protocols.



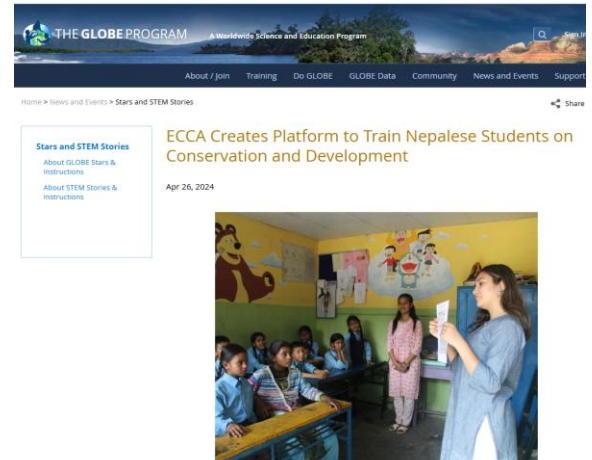
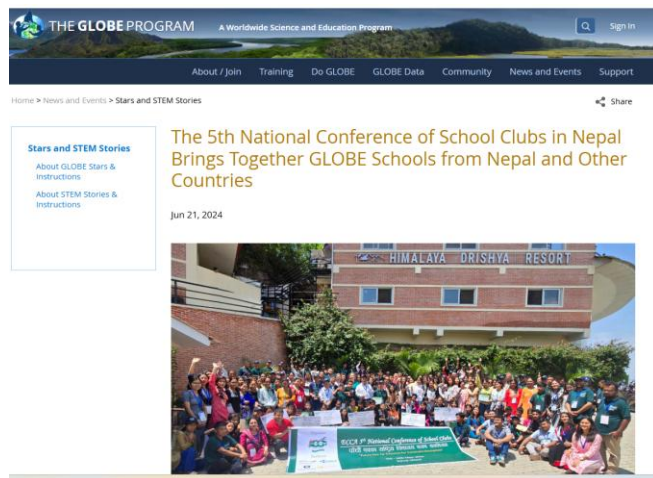
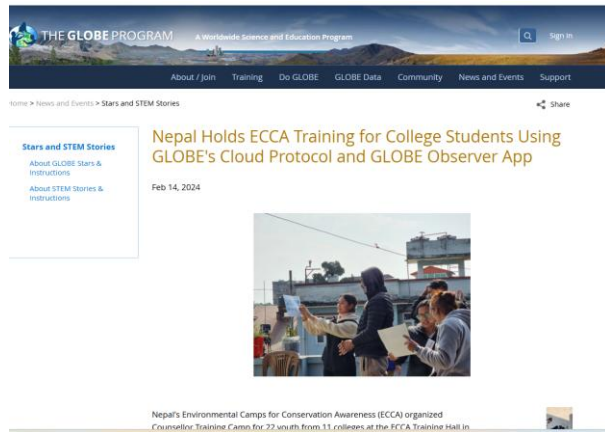
Student Investigations

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:

COMMUNITY



The engagement of schools in GLOBE programs and their activities is 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 in 2024.

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.

TECHNOLOGY

ECCA encourages GLOBE Students to do 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/about 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 easier for data entry.

Data Systems

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

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Communication



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

There were sharing and peer learning meetings and events on the GLOBE and environmental education program in ECCA Nepal with college youth on the last Friday of every month.

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

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Plans and Ideas for 2025:

1. GLOBE training program for students –May 5-10, 2025/May 13- 17, 2025/May19-23/2025
2. School Clubs Interaction Program – Nov/December 2025

International School Club Conference – 2027

STAFF

ECCA employs 16 staff members and has over 100 regular youth volunteers to implement its programs and campaigns.

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