



CAPACITY BUILDING PROJECT - REPORT

Prepared by:
GLOBE Asia - Pacific
Regional Coordination
Office

Reinventing Community Engagement
and Empowerment through Data
Literacy and Learning activities of
the GLOBE Program.

GLOBE Capacity Building Project in Asia - Pacific Region

February 15 2023 | March 15-17 2023 (A)| July 16 & 19 2023 (P)

Virtual | Face-to-Face

For the last 9 years, the AP RCO has been implementing the Global Learning and Observations to Benefit the Environment (GLOBE) Program which is a hands- on international environmental science and educational program in the Region which has resulted in more than **5000 GLOBE Schools** in **19 countries** in the region.

We also have **80000 students** and **5500+ teachers** who in turn collected more than 10256955 data entries so far by participating in the GLOBE program which is a major accomplishment.

The number of GLOBE trainers is very less compared to the number of schools and total geographic area of the region. It is essential to increase the number of GLOBE Trainers on GLOBE protocols to have effective implementation of the GLOBE Program in the AP Region.

It is also necessary to educate the regional GLOBE community about data literacy seeing the advent of data science & how it is going to be crucial that the community understands the importance of data that they collect which helps scientists and researchers in understanding the environment better.

GLOBE Implementation Office, USA has appointed GLOBE Regional Coordination office for Asia – Pacific to implement the GLOBE Capacity Building Project in the region under the title “Reinventing Community Engagement and Empowerment through Data Literacy and Learning activities of the GLOBE Program”.

The idea was to develop the capacity of trainers in the region to facilitate activities and action projects to address local environmental issues through applied environmental

education and data science and assist them to understand the environmental concepts infused into the school curriculum in light of GLOBE data and GLOBE learning activities.

Preparatory activities for the Regional Meeting:

GLOBE Regional Coordination Office for Asia – Pacific organize “**GLOBE Capacity Building Training for Asian Countries**” which was supported by GLOBE Implementation Office, GIO Wherein Participants from **9 Asian Countries** participated. **The Training was held in two-part** 1st Virtual Training **on** 15th February 2023 attended by **32 Participants** and Face to face Training **from** 15-17 March 2023 attended by **38 Participants** held in **Hanoi, Vietnam**. Regarding the same, the Annual Regional Meeting was organized at **Hotel Sheraton, Hanoi, Vietnam**.

Following are the dates for the Training: -

Venue: Virtual Via Zoom

Dates: 15 February 2023

Venue: Hotel Sheraton, Hanoi, Vietnam (Asian Countries)

Dates: 15-17 March 2023

Venue: Curtis Hotel Sheraton, Denver, Colorado, USA (Pacific Countries)

Dates: 16 & 19 July 2023

Following activities were planned and accomplished before & during the Training: -

○ **Coordination with the participant:**

- The GLOBE Regional Coordination Office contact and sent invitations to all Country Coordinator’s to nominate participants for the CBP Training. After getting the nominations all the participants were contacted and was send a brief of what to expect during the training as well as what is expected from them. From 9 GLOBE Asian Countries in the region 38 GLOBE trainers participated in the meeting.

○ **Selection of Mentor Trainers & Trainers for the CBP Training:**

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- Master trainers who covered different protocols of the GLOBE Program during the three-day CBP Trainer Training were selected by RCO. RCO then sought Confirmation and approval from GIO.

Team of Mentor / Master Trainers

- ✓ Atmosphere Protocol - **Dr. Desh Bandhu**
- ✓ Hydrosphere Protocol - **Dr. R.K. Garg**
- ✓ Biosphere Protocol – **Dr. Watcharee Ruairuen**
- ✓ Pedosphere (Soil) Protocol - **Dr. Rod Allan De Lara**
- ✓ GLOBE Data & Visualization - **Ms. Joan B. Callope**

○ **Booking of the venue and arrangement of Lunch & refreshment during the Training:**

- Hotels Rooms for all the participants along with the conference hall for the Training was booked for organizing the three days training. The booking of rooms & conference hall was made in advance as this venue is mostly chosen for most of the conference/ seminar/ workshop and it always become uncertain to make this venue available for the workshop. Breakfast, Lunch, dinner & in between refreshment were also provided during the three days meeting.

○ **Selection and development of GLOBE Learning Activities & its related Videos:**

- RCO in coordination with GLOBE Philippines has selected eight (8) Learning Activities 2 from each sphere and prepared 7 Videos 1 from the selected learning activity including Videos on Data Entry & Visualization. All the videos can be found [here](#). Prior to the Virtual training RCO have several preparatory meetings with the trainers to finalize all the learning activities & Protocol to be focus during the Trainings. APRCO has also updated the Pdfs of Learning activity as well as Protocol presentation & recording of the Virtual Training on GLOBE CBP webpage. [Click here to see](#).

ACTIVITIES CARRIED OUT DURING THE TRAINING OF ASIAN COUNTRIES:

Virtual Training on 15th February 2023

AP RCO organizes the **first Virtual Training** for CBP Participants on **15th February 2023** which was attended by 32 Participants including Trainers for all the Protocols. Before Starting the Training, Session Participants were asked to fill a short pre – Training evaluation Survey. Dr. Desh Bandhu, Coordinator – AP RCO explain to the participants about the framework of the virtual training and gave a brief introduction to the GLOBE Learning Activities that they will be doing during the Face-to-face Training in Hanoi, Vietnam. After the Introduction GLOBE Mentor Trainers also explain in details the selected protocol during the full day training. To see the recording of the training [click here](#).

Face-to-Face Training from 15th - 17th March 2023 in Hanoi, Vietnam

The workshop started with opening session, during which **Dr. Desh Badhu**, Coordinator – AP RCO welcomes all the participants and Trainers and gave a brief presentation on the brief framework of the project and its expected outcome. Following that Dr. Desh ask **Dr. Rod Allen De. Lara & Ms. Joan B. Callope** to moderate the training session. Dr. De Lara starts the session by explain the day one activity of the Training and focused protocol & Learning Activity. **Dr. Watcharee Ruairuen**, Mentor Trainor for GLOBE Biosphere Protocol to start the training session on Biosphere Protocol. Dr. Ruairuen gave a details presentation on Biosphere Protocol which include **Biometry (Tree Height Biometry - Tree Circumference), Green Up and down (Tree & Shrub), Land Cover** along with **Learning activity** which include **Investigating Leaf Pigments** and E1. **Standard Tree Circumference**. During the first half of the training day **Dr. Ruairuen** explain to the participants the Learning activity on to explore what pigments exist in leaves and their importance. Participants find the activity interesting and that students will enjoy doing it in their class. During the afternoon session **Dr. Ruairuen** and other mentor trainers take the participants for field activities. Participants were divided into 5 groups and each one assigns a Mentor Trainer and Ms. Henna Kausher was the moderato for the filed training. participants collect data on Tree Hight Using GLOBE Observer App, Canopy Cover, Tree Circumference. After the Field data collection activity Participants can back to the training session on Data Entry & Data Visualization where **Dr. De Lara** shows the Participants the Data that they have collected earlier during the filed training. And they can use their Data or Data from GLOBE for Students research report. Participants were given a small exercise to Draw visualization using GLOBE Data. After the end of day one

training Mentor Trainer & RCO have a 30 Min session to setup for day 2 training and streaming lining the day 2 agenda and to make the Filed activity more engaging.

The second day of the training was moderated by Ms. Henna Kausher started with session on with a 30 min QnA Session on Biosphere Protocol done on day one of the training for participants if they have any queries or ideas after day one Training. During which the Mentor Trainers answers questions. Following that **Dr. R.K.Garg** , Mentor Trainor for Hydrology Protocol starts his session, Dr. Garg gave a details presentation on Hydrology Protocol which **Water Temperature, Water Transparency, pH, Conductivity and Mosquito Habitat Mapper Using the Observer App** along with Learning activity which include **Water Detectives** and **Draw Your Own Visualization**. During the first half of the training day **Dr. Garg** explain to the participants the brief about the Protocol & engage the Participants on doing Calibration of the Equipment's and explaining Learning activity to understand that some substances can be identified safely with your senses. For other substances we may need tools to help us identify them. Each Group was given 5 set of beakers filled with water and four different solvents to add to the water and do the learning activity. Participants find the activity engaging and compare result with other groups. On Day two **Dr. Desh Bandhu & Dr. Rod Allen De Lara** also conducted the Atmosphere Protocol during which Dr. Bandhu gave a brief presentation on **Air Temperature, Clouds, Precipitation, Relative Humidity & Surface Temperature** along with Learning activity which include **Land, Water, and Air** and **What Are Some Factors That Affect Seasonal Patterns** which was conducted by Dr. De Lara. Dr. De Lara also shares a short video on the Learning Activities. During the afternoon session **mentor trainers** take the participants for field activities. Participants were divided into 5 groups and each one assigns a Mentor Trainer and Ms. Henna Kausher was the moderato for the filed training. participants collect data on current Temperature and study cloud observation in the Hotel Garden which was the study site during the training. After the Field data collection activity participants came back to the training session and **Callope** shows the Participants the data that they have collected earlier during the field training. Mentor Trainers also share some insight of using the Observer app and its easy usage. After the end of day two training Mentor Trainer & RCO have a 30 Min session to setup for day 3 training and discussion about participants certification and updating their status on GLOBE workshop tool after their Training.

The third day of the training was moderated by Ms. Henna Kausher started with session on with a 30 min QnA Session on Atmosphere & Hydrosphere Protocol for participants if they have any queries or ideas from day 2 training. During which the Mentor Trainers answers questions. Following that **Dr. Rod Allen De Lara**, Mentor Trainor for Pedosphere (Soil) Protocol starts his session, Dr. De Lara gave a details presentation on Pedosphere (Soil) Protocol which **Soil Temperature, Soil Texture, Soil Moisture, Soil characterization** along with Learning activity which include **Soil and My Backyard** and **Learning to Use Visualizations - An Example with Elevation**. During the first half of the training day **Dr. De Lara** explain to the participants the brief about the Protocol & engage the Participants on doing Calibration of the Equipment's related to the Protocols and explaining Learning activity to explore soil and soil properties. Each Group was given three different Soil Sample to do the learning activity. Participants find the activity engaging and compare result with other groups. During the afternoon session **Dr. De Lara** and other mentor trainers take the participants for field activities. Participants were divided into 5 groups and each one assigns a Mentor Trainer and Ms. Henna Kausher was the moderato for the filed training participants collect data on Soil pH, Soil Moisture and Soil characterization the samples were collected from the Hotel Garden area and parking lot & the Lake adjacent to it. After the Field data collection activity participants came back to the training to have a hands-on -learning on using the Data Entry tool and using the GLOBE Visualization tool where **Ms. Callope** and **Dr. De Lara** help the participants with their query. RCO conducted post – training evaluation after the last session of the Training. Before concluding the training session Dr. Desh encourages the participants to share their training experience to GLOBE Teachers & Students in their respective country. Dr. Desh Bandhu ask Dr. Tony P. Murphy to facilitate the participants with their Training Certificate.

ACTIVITIES CARRIED OUT DURING THE TRAINING FOR PACIFIC COUNTRIES:

Face-to-Face Training on 16th - 19th July 2023 in Denver, Colorado, USA

The workshop started with opening session, during which **Dr. Desh Badhu**, Coordinator – AP RCO welcomes all the participants and Trainers and gave a brief presentation on the brief framework of the project and its expected outcome. Following that Dr. Desh ask **Dr. R.K. Garg** to moderate the training session. Dr. Garg starts the session by explain the day one activity of the Training and focused protocol & Learning Activity. Dr. Garg,

Mentor Trainor for GLOBE Hydrosphere Protocol started the training session on Hydrosphere Protocol. and gave a details presentation on selected Protocol which includes **Water Temperature, Water Transparency, pH, Conductivity and Mosquito Habitat Mapper Using the Observer App** along with **Learning activity** which include **Water Detectives and Draw Your Own Visualization**. During the first half of the training day Dr. Garg explain to the participants the brief about the Protocol & engage the Participants on doing Calibration of the Equipment's and explaining Learning activity to understand that some substances can be identified safely with your senses. For other substances we may need tools to help us identify them. Each Group was given 5 set of beakers filled with water and four different solvents to add to the water and do the learning activity. Participants find the activity engaging and compare result with other groups.

During the second half of the training day **Dr. Desh Bandhu** and **Dr. R. K. Garg** also conducted the training session on Biosphere Protocol which includes a details presentation on Biosphere Protocol which include **Biometry (Tree Height Biometry - Tree Circumference), Green Up and down (Tree & Shrub), Land Cover** along with **Learning activity** which include **Investigating Leaf Pigments** and **E1. Standard Tree Circumference**. During the session they explain to the participants the Learning activity on to explore what pigments exist in leaves and their importance. Participants find the activity interesting and that students will enjoy doing it in their class. During the third session. After the end of day one training Mentor Trainer & RCO have a 30 Min session to setup for day 2 (i.e., on 19th July) training and streaming lining the day 2 agenda and to make the Filed activity with the ongoing GLOBE Annual Meeting Activities.

The second day of the training was held on 19th July moderated by Dr. R.K. Garg who started the session with a 30 min QnA Session on Biosphere & Hydrosphere Protocol done on day one of the training for participants if they a have any queries or ideas after day one Training. During which the Mentor Trainers answers questions. Following that **Dr. Rod Allen De Lara**, Mentor Trainor for Pedosphere (Soil) Protocol starts his session, Dr. De Lara gave a details presentation on Pedosphere (Soil) Protocol which **Soil Temperature, Soil Texture, Soil Moisture, Soil characterization** along with Learning activity which include **Soil and My Backyard** and **Learning to Use Visualizations - An Example with Elevation**. During the first half of the training day **Dr. De Lara** explain to the participants the brief about the Protocol & engage the Participants on doing Calibration of the Equipment's related to the Protocols and explaining Learning activity

to explore soil and soil properties. Each Group was given three different Soil Sample to do the learning activity. On Day two **Dr. Desh Bandhu & Dr. Rod Allen De Lara** also conducted the Atmosphere Protocol during which Dr. Bandhu gave a brief presentation on **Air Temperature, Clouds, Precipitation, Relative Humidity & Surface Temperature** along with Learning activity which include **Land, Water, and Air** and **What Are Some Factors That Affect Seasonal Patterns** which was conducted by Dr. De Lara. Dr. De Lara also shares a short video on the Learning Activities. During the afternoon session **mentor trainers** take the participants for field activities. Dr. De Lara also shares a short video on the Learning Activities. During the afternoon session mentor trainers take the participants for field activities. After the Field data collection activity participants came back to the training to have a hands-on -learning on using the Data Entry tool and using the GLOBE Visualization tool where **Ms. Callope** and **Dr. De Lara** help the participants with their query. RCO conducted post – training evaluation after the last session of the Training. Before concluding the training session Dr. Desh encourages the participants to share their training experience to GLOBE Teachers & Students in their respective country. Dr. Desh Bandhu ask Mentor Trainers to facilitate the participants with their Training Certificate.

LIST OF THE PARTICIPANTS WHO ATTENDED THE TRAINING WITH SOME PHOTOGRAPH IS ATTACHED AS ANNEXURE:

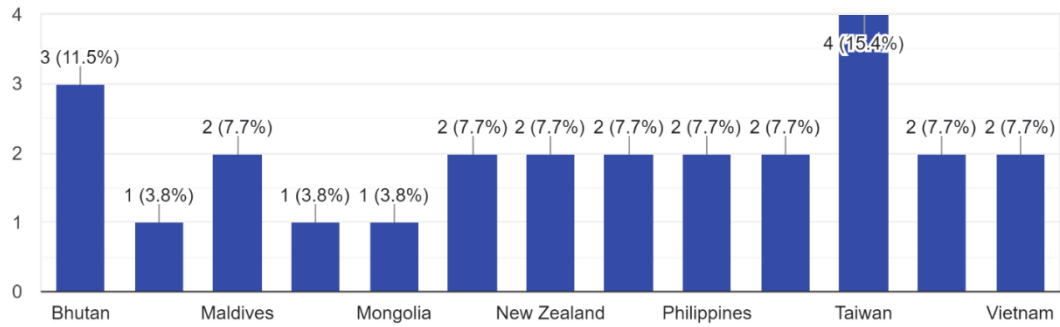
- List of Participants who attended the trainings is attached as Annexure 1
- Photograph of the Trainings is attached as Annexure 2
- Link to the GLOBE Protocol Presentations used during the Training is attached as Annexure 3
- Link to the Learning activities used during the Training is attached as Annexure 4
- Videos on selected Learning activities is attached as Annexure 5

GLOBE ASIA – PACIFIC CAPACITY BUILDING TRAINING EVALUATION REPORT SUMMARY

Pre – Training Evaluation

2. Country

26 responses

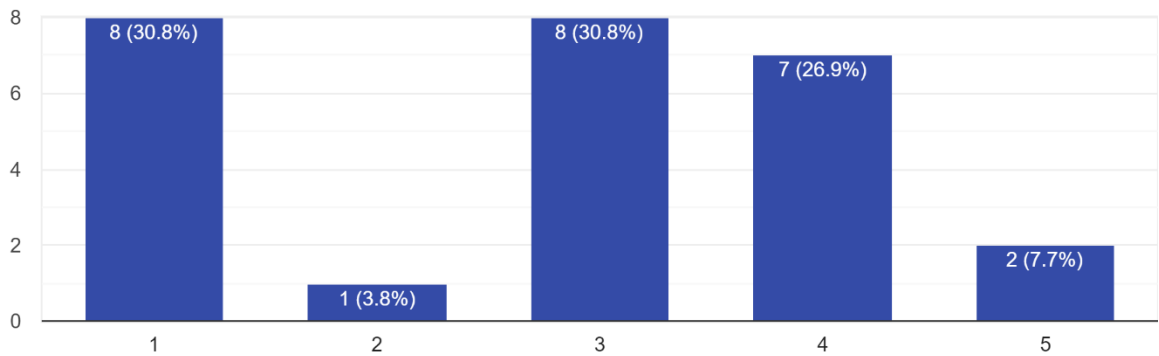


3. How would you rate your current understanding of GLOBE Protocols?

26 responses

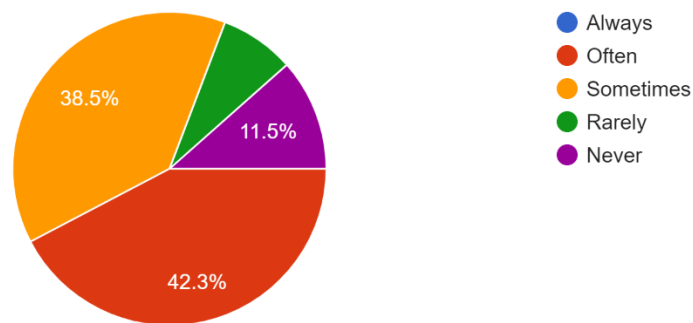
5. On the scale of 1-5 how often do you use GLOBE Data or Visualization tool

26 responses



4. How often do you use GLOBE Protocol (Learning Activities)?

26 responses



6. Write a brief description of your past GLOBE Training, the good and not so good ones (think of the following guiding questions: Did you enjoy it? Was it easy or did you

struggle? Have you encountered any barriers or difficulties during the Training? How did you make it work for you?)

26 responses

1. No previous training experienced
2. I enjoyed training. Haven't have any barrier while having practical. Actually, it was a wonderful training.
3. No trainings
4. We have sometimes less equipment to do the protocols
5. It was really fantastic learning experience and I really enjoy globe learning and activities scientifically
6. Very good. Going over information and hands on activities was a very good learning experience.
7. The training received by the our master trainer, it was good, and i am implementing it in our project school. i like the observer app so much, it is easy to use.
8. This is my first time participating in GLOBE Training Program. I found it very useful and productive. I'm enjoying all the learning activities and outdoor practicals of the Program. All the arrangements of the program are great.
9. I always enjoy this kind training activities
10. It's hard to answer
11. This is the first time I am using it. Hopefully will use it more frequently
12. It's good
13. It's good I got practiced with experiment and known more techniques.
14. GLOBE (Global Learning and Observations to Benefit the Environment) is an international science and education program that provides training and resources for students and teachers to conduct scientific investigations and contribute to environmental research. The program emphasizes hands-on learning and encourages students to explore their local environments through data collection and analysis. From what I've learned, people who have participated in GLOBE training have found it to be a valuable and enjoyable experience, providing them with new skills and opportunities to collaborate with others. While there may be some challenges along the way, such as learning new scientific techniques or navigating different cultural contexts, I have not struggled. I try to teach students and many people with the same interest.
15. Difficulties Yes, some lab materials are not working. I enjoyed all the activities. The protocols are easy to follow
16. Yes, I enjoy a lot. It was easy
17. Have not participated
18. Some are struggle because of academic criteria
19. This training was a very useful to understand two protocols. Have explained clearly. After training, delivered and pilot into country, may be ask some questions. Before training, we used pH-meter measure without calibration. Thank you
20. Regional workshops - always interesting, didn't struggle but enjoy hands-on, fun, interactive training, like to work at quite a fast pace

7. What expectations do you have for CBP Training

26 Responses

1. More learnings
2. I want to learn more about data visualization
3. To get better understanding about globe protocols
4. Try to practice and do it in my practical workshops
5. To enhance globe learning experience and equip with latest knowledge about globe
6. I expect to gain more confidence in doing training and doing globe protocols when I return home.
7. i want to learn the advance knowledge in Hydrosphere and soil ph.
8. More in person gatherings from all the countries sharing their experiences with the GLOBE Observer post training workshop. This way everyone will know to what projects and how they used GLOBE Observer app with everyone.
9. Need much good internet connection to use the app or globe site
10. To enhance my knowledge of GLOBE protocol
11. Help us understand the protocols
12. Good training
13. Get more understand about all globe protocol.
14. To know more about the training, we have gotten and learn new GLOBE protocols
15. Complete materials and functional
16. Clear all doubts on online submission of data.
17. Knowledge and skills
18. More professional guidelines and experiments
19. Learn some new protocols or refresh ones I have previously learned; can share these with teachers, or talk about GLOBE and the kinds of things you can do in GLOBE to inspire them to join GLOBE
20. I would like to know how the Globe protocol is arranged and practiced in each country and region.

8. Do you have any questions about CBP Training?

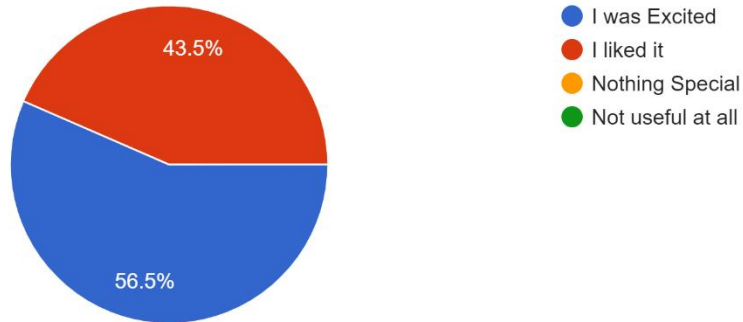
26 Responses (summary)

1. Need more field activities
2. No, thanks for your implements of this workshops
3. Do we will receive the all the slides and materials that used in training??
4. How often do you plan to hold the event? Do you plan to hold the event mainly online?

Post – Training Evaluation

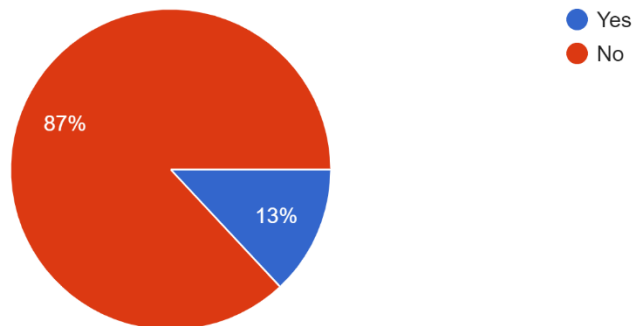
1. What was the overall impression of the Training ?

23 responses



2. Did you face any problem during the GLOBE Training (In understanding the GLOBE Protocols, Learning Activities or Data Entry)?

23 responses



If Yes, Please Explain

4 responses

Data entry

No

I have difficulty entering data

Not so much a problem more an awareness that there will be a lot to learn, set-up and research. It will need me to seek out expert help and support from the Globe Family as well as utilising the website tools.

3. Was the training helpful to you in order for you to train your participants to conduct the protocols and learning activities? What information do you think was missing?

23 Responses (summary)

1. It was helpful with the training and the information gained from face-to-face communication and hands-on activities. I wish students could join this training.
2. Was very useful. Nothing missing.
3. Very important to learn data visualization
4. no information was missing. But in the future, it will be great for countries like Maldives to have protocols such as reef health check / seagrass / mangrove health checks.
5. It was helpful but you can also include testing safe drinking water by the children.
6. The training is very helpful to me
7. Stimulates students to learn about the biosphere and protect the human environment.
8. I do not think I know enough to train anyone yet. I require more experience in effectively completing protocols. More hands-on needed and more opportunity for discussion with and observation of specific protocols conducted by an expert trainer that would be of key interest to the stakeholders in NZ.

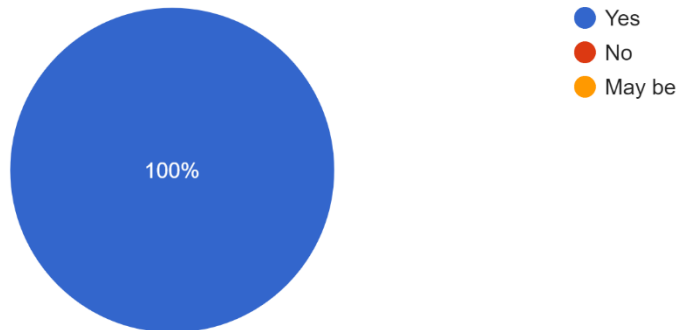
4. What aspect of the training, what idea, what topic or what session you liked the most?

22 Responses (summary)

1. Through hands-on training and face to face meeting, we could learn from experiences.
2. All the hands-on activity
3. Pedosphere. I really enjoyed the learning activities.
4. When facilitator gives us hands on experience
5. I like the most the chromatology session, the most like ways in session was hands on activity.
6. Hydrosphere
7. I liked the measurement of tree height and circumstances
8. All the protocols!
9. Weigh soil moisture samples
10. Observe clouds, measure temperature, leaf pigment, measure tree height
11. Identifying leaves
12. I love teaching my students how to measure PH to choose healthy foods

5. Was the information and discussions on Learning Activity and Data Literacy useful for developing your implementation plan ?

23 responses



6. *What are the challenges you think you will face in implementing GLOBE in your Country?*

23 Responses (summary)

1. Language, cost, extra time for teachers and students
2. Implementation of the protocols
3. Equipment's
4. Not having enough resources to do
5. government funds and maybe resistance from education system to implement something new
6. Equipment and implement, financial allocation
7. It seems like the biggest challenge/barrier is to get the in-person support of a master trainer or experienced GLOBE user. Also, the lack of knowledge of the Global Program in general means that it could be harder to engage commitment of key stakeholders to implement protocols.

7. *What type of support might you need to implement GLOBE in the country with your audience?*

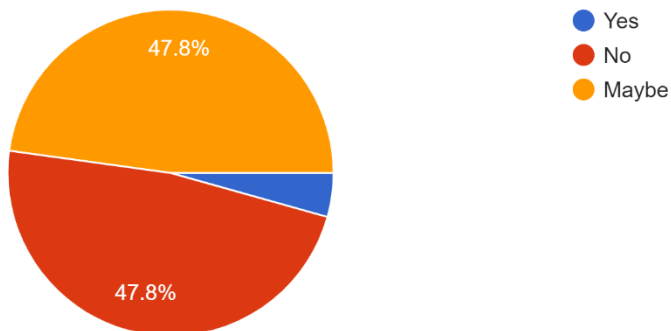
23 Responses (summary)

1. instrument, more training, GLOBE website in local language
2. We may need to fit some protocols to the local context before we can implement
3. Training Materials, and equipment for their use and financial support.
4. Financial support/ equipment for laboratories. Many rural schools do not have laboratories and science is therefore not offered beyond grade 7.
5. Equal Training for children and teachers.

-
6. I might need some training materials to teach the students and teachers. So, I can provide GLOBE training in different areas where they have no proper education system. I might need the funding to improve the quality of education such as materials for the training.
 7. Ambassadors, success stories, access to mentor trainers, workshops, networking opportunities

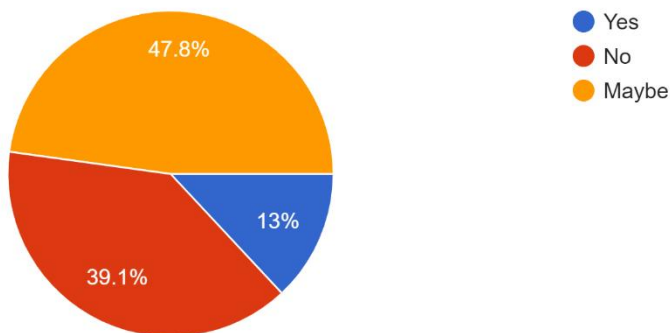
8. Any problems faced during the training session in handling the available GLOBE instruments?

23 responses



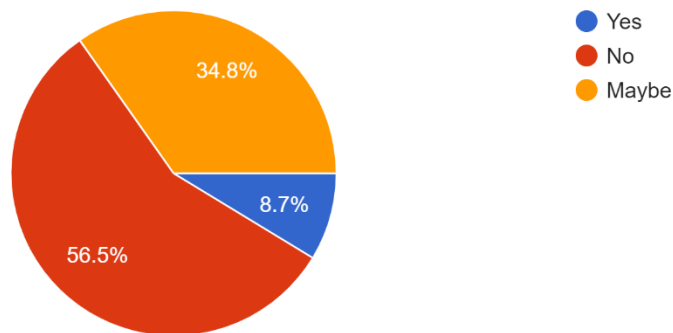
9. Any problems faced during the training session in entering data?

23 responses



10. Any problems faced during the training session in creating visualizations?

23 responses



11. What GLOBE elements and activities do you think you will need more information and training on following this training?

23 Responses (summary)

1. the making of IVSS
2. Data visualization
3. Biosphere
4. Hydrosphere elements like electrical conductivity and dissolve oxygen
5. Instructions on how to measure air pollution
6. online workshops, mentoring

12. What other information do you think you need to have a better understanding of the GLOBE Program?

23 Responses (summary)

1. how useful is this the data measured by GLOBE students
2. Practical sessions for all protocols.
3. easy use of GLOBE observer by any phone
4. Short videos on doing protocols correctly
5. The easy short guide for the first do globe.
6. Log in earlier to be able to look up information before class
7. I will probably know more as I traverse the learning curve that I am beginning.

Follow-up of the Trainings: -

Through this program, the capacity of Trainers to carry out Teachers Training and address local environmental issues has been enhanced. This program helped trainers in improving the knowledge and understanding of GLOBE Learning activities. Also, it increased the Trainers awareness and instilled a scientific viewpoint.

Transfer of expertise will help in sustainable practices for data collection and data quality control, GLOBE program implementation, and successful program outcomes.

Involvement of the Country coordinators & Trainers will help in making the GLOBE Program assessable at the grass-root level

The participants attending the workshops will help students undertake IVSS projects and teach the use of GLOBE Data and data literacy to promote GLOBE by involving the community. This will be a good example of sustainability to encourage the community to realize how their data can contribute to improving the environment around the community.

RCO promises his full support to all the CCs & Trainers for future support for successful implementation of GLOBE Program in the Region.

During the “2023 Learning Expedition to the Sea” held in Male, Maldives from September 30th – October 04th Maldives Participants from CBP Training help the Train participants on GLOBE Protocols which is testament of Succes of CBP in Maldives, they have also introduced GLOBE to Two (2) New Schools in Maldives and both the schools participated in the expedition to better Understand GLOBE.

ANNEXURE – I

Participant Name	Designation	Country	Name of the Organization & Address	Contact Details (Phone Number & E-Mail Id)
Mr. Pema Wangchuk	Teacher	Bhutan	Tendruk Central school	pemawangchukt@education.gov.bt
Mr.Duba Tshering	Teacher	Bhutan	Tsangpo Primary School	dubatshering@gmail.com
Kunga Phunthso	Teacher	Bhutan	Galing PS	kungaphunthso2004@education.gov.bt
Dr. Machiko Tsubaki		Japan	Tokya Gakugei University	tsubaki@u-gakugei.ac.jp
Basma Abdul Muhsin	G.I.S Officer	Maldives	Environmental Protection Agency, Republic of Maldives	basma.abdulmuhsin@epa.gov.mv
Aminath Ameera	Environment Analyst	Maldives	Environmental Protection Agency, Republic of Maldives	aminath.ameera@epa.gov.mv

Mr. Cliff James	Assistant Country Coordinator	Micronesia	Department of Education, FMS	cliffsjames@gmail.com
Mrs. Ragchaa Ulzibayar	Country Coordinator	Mongolia	Officer of General Education Department Ministry of Education Culture and Science 210620a, Baga toiruu 44, Zasgiin gazriin, III bair, sukhbaatar duureg Ulaanbataar Mongolia	ulziibayarr@yahoo.com ulziibayar@mecs.gov.mn
Yash Chitrakar		Nepal	ECCA,Jwagal, Nepal	yash.chitrakar4@gmail.com
Manisha Godar	Sr. Program Administrator	Nepal	ECCA,Jwagal, Nepal	manisha@ecca.org.np
Dr. Victoria Metcalf	Country Coordinator	New Zealand		victoria.metcalf@gmail.com
Ms. Gail Goodwin	GLOBE Teacher	New Zealand	West Minster School	gailg@westminster.school.nz

Mr. Yogendra Chitrakar	Country Coordinator / CBP Trainer	Nepal	ECCA,Jwagal, Nepal	
Ms. Deborah Reblud	Assistant Country Coordinator	PALAU	Director of Education, Ministry of Education Koror, Palau	dreblud@palauschools.org
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NOTE: - *Participants attended Virtual Training.

ANNEXURE – II

Photograph of the Trainings

(Press Ctrl & click on the link below from CBP Training for Asia-Pacific Countries Photographs)

<https://drive.google.com/drive/folders/10uFAdwWinFZfi4oIHAYne7ktyV3V04Ok?usp=sharing>

ANNEXURE – III

GLOBE Protocols

(Press Ctrl & click on the link below to access Protocol Slides)

<https://drive.google.com/drive/u/1/folders/1a4oKidKcZr1PtFlxx6rf78rZoZG8F2pE>

ANNEXURE – IV

GLOBE Learning Activities (PDFs)

(Press Ctrl & click on the link below from CBP Training Learning Activities)

https://drive.google.com/drive/u/1/folders/1NuhXIKGSrPxZYyGArm-uw_FqNhIMS51k

ANNEXURE – V

GLOBE Learning Activities (Videos)

(Press Ctrl & click on the link below from CBP Training Learning Activities Videos)

<https://youtube.com/playlist?list=PLjWi1BxKtv8bCl7vIPizD08kExfVFRroP>

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