

# The GLOBE Program in Asia-Pacific Region

*Hands-on Environmental Educational Program*



**By**

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# GLOBE Countries in the Region

17 countries from the Asia-Pacific region are implementing the GLOBE Program. The countries are as follows:

BANGLADESH

FIJI

INDIA

JAPAN

REPUBLIC OF KOREA

MALDIVES

MARSHALL ISLANDS

MONGOLIA

MICRONESIA

NEPAL

NEW ZEALAND

PHILIPPINES

PALAU

SRI LANKA

THAILAND

TAIWAN - PARTNER

VIETNAM





# Activities in the Region (Asia – Pacific) during 2017 -2018

*(June, 2017 to April, 2018)*

- *GLOBE Teacher's Training Workshop in Seoul, Republic of Korea during May 19-20, 2017*
- *GLOBE Annual Regional Meeting in Manila, Philippines during May 21-25,2017*
- *GLOBE Teacher's Training Workshop in Manila, Philippines during May 25-28,2017*
- *GLOBE Science Festival at Taipei, Taiwan during 10-14, July 2017*
- *GLOBE Annual Partners Conference in Connecticut, USA during 31 July to 4 August 2017*
- *GLOBE Teacher's Training Workshop in Hanoi, Vietnam during 29-30 August 2017*
- *GLOBE Science Talent Hunt-Eco Engineering Festival at Vishwa Yuvak Kendra, New Delhi during 8 September-2017*



# Activities in the Region (Asia – Pacific) during 2017 -2018

*(June, 2017 to April, 2018)*

- *Learning Expedition to Pehwa Lake in Nepal during 10-16 September 2017*
- *Young Friends of Environment “Ambassadors for Sustainable Development”- Expedition in Goa, during 16-20 December, 2017*
- *GLOBE Train the Trainer Workshop in Bangkok, Thailand during December 17-23 2017*
- *GLOBE Teachers Training Workshop in Pohnpei, Micronesia during 26-28 March, 2018*
- *GLOBE Teacher's Training Workshop in Ba, Fiji Island during March 10, 2018 on Mosquito Protocol.*
- *GLOBE Teacher's Training Workshop on March 24, 2018 in Lautoka, Fiji Island on Mosquito Protocol.*

# GLOBE Teacher's Training Workshop

Seoul, Republic of Korea

- The program was conducted at Seoul, South Korea during May 19-20, 2017.
- The Event was attended by 20 teachers from different School in Seoul & we have translated the GLOBE training protocol in Korean language.
- We distribute GLOBE Protocol instrument during the training such as pH meter, TDS Meter, Soil colour chart, Cloud chart, Soil chart etc.



# GLOBE Teacher's Training Workshop

Seoul, Republic of Korea



# GLOBE Annual Regional Meeting

## Manila, Philippines

- GLOBE Annual Regional Meeting was held in Manila, Philippines during May 21-25, 2017 which was organized by GLOBE Regional Coordination Office.
- Total 27 Participants from 14 country participated in the program. (USA, India, Thailand, Taiwan, Philippines, Republic of Korea, Palau, Micronesia, Nepal, Magnolia, Vietnam, Maldives, Sri Lanka. )



# GLOBE Teacher's Training Workshop

## Manila, Philippines

- The GLOBE Teachers training was organized from May 25-28, 2017 in Manila for teachers.
- Around 85 teachers attended the training program and were sponsored by GLOBE Philippines and PSHS. During the training Soil, Atmosphere Protocol were covered.






# GLOBE Teacher's Training Workshop Manila, Philippines





# GLOBE Science Festival

## Taipei, Taiwan

- The GLOBE Partner-Taiwan organized GLOBE Science Festival for Asia Pacific Region during July 10-15, 2017 in Taipei, Taiwan
  - 34 GLOBE participants from India, Mongolia, the Philippines, and Thailand came to Taiwan participated in the event.
  - The GLOBE students' poster presentation section was one of highlights in this exhibition.
  - There were eleven GLOBE student projects (from Mongolia, the Philippines, Thailand, and Taiwan).
  - The GLOBE students from the Philippines project looked into decreasing plastic bottles waste. Their solution was to crush the bottles and use the debris in concrete brick production.
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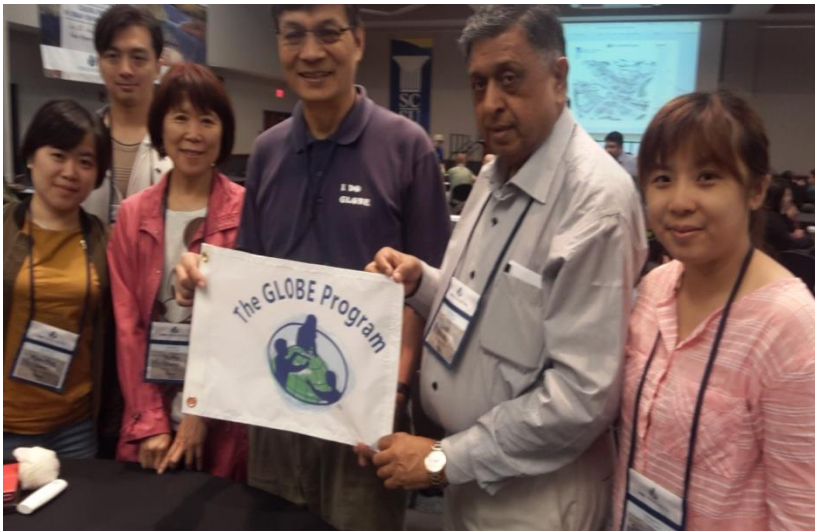
# GLOBE Science Festival Taipei, Taiwan



# GLOBE Annual Partners Conference

## Connecticut, USA

- GLOBE Regional Coordination Office participate in 21<sup>st</sup> GLOBE Annual Partner Conference was held in New Haven, Connecticut, USA during 30 July - 03 August 2017.





# GLOBE SCIENCE TALENT HUNT

## New Delhi, India

- The GLOBE Regional Coordination Office for Asia Pacific hosted the **GLOBE SCIENCE TALENT HUNT** during **8th September, 2017** in New Delhi, India.
- The aim of the programme was to develop scientific attitude among the youth and students.
- **90 participants**, from **Delhi, Rajasthan, Andhara Pradesh & Telangana** GLOBE Schools Participated in the program.
- The students presented their projects and demonstrated activities on GLOBE Program / ECO Engineering and environmental sound technology.
- The teachers and students also participated in GLOBE Protocol training on Atmosphere Protocol & for Data Entry Protocol. They collected data of current temperature, maximum & minimum temperature as well as Cloud Type and Cloud Cover.
- The First Secretary - American Embassy, UNECO Program Specialist and Member GLOBE Education Working Group also attended the event.

# GLOBE SCIENCE TALENT HUNT

## New Delhi, India



# GLOBE SCIENCE TALENT HUNT

## New Delhi, India





# GLOBE Regional Learning Expedition

## Lake Pokahra, Nepal

- The GLOBE Regional Coordination Office for Asia and Pacific joined with The Indian Environmental Society (IES) in collaboration with Environmental Camps for Conservation Awareness (ECCA) of Kathmandu to organize a six-day *GLOBE Regional Learning Expedition in Kathmandu and Pokhara, Nepal* during **September 9-12, 2017**
- The purpose the event was to understand the effects of climate change in the region, to engage in field studies, in Kathmandu & lake phwea in pokhara.
- The participants were from **Thailand** (10), **Oman** (7), **India** (11) and **Nepal** (10).
- The participants participated in various Protocol such as training on Atmosphere Protocol, Hydrology Protocol & Soil Protocol & Data Entry Protocol.
- They collected data of current temperature, pH, turbidity & Conductivity as well as Cloud Type and Cloud Cover along with Soil Temperature & Texture.
- Participants discussed the importance of these protocols and the impact on the local environment that comes from engaging in a focused study of the atmosphere.
- The programme provided an opportunity to the GLOBE schools of India, Nepal, Thailand & Oman was in active participation & understanding of the GLOBE Protocol.



# GLOBE Regional Learning Expedition

## Lake Pokahra Nepal



# GLOBE Refresher Teacher's Training Workshop New Delhi, India

- GLOBE Refresher Teachers Training was held in New Delhi during **October 7, 2017 & November 18, 2017** at **D.A.V. Public School**, Pushpanjali Enclave, Pitampura, New Delhi.
- 8 teachers & 32 students attended the training from nearby schools.
- Students participated in Hands -on training of Atmosphere & Soil Protocol & making / creating GLOBE related projects was also discussed during the program.



# Young Friends of Environment - Expedition

## Panjim ,Goa


- IES organized Young Friends of Environment “Ambassadors for Sustainable Development” -Expedition for during December 16 - 20, 2017 in Panjim, Goa.
- 16 Students from Winfield school, Khamman Telengana participants Taiwan participated in the Expedition.
- During the expeditions the participants had the opportunity to perform Hydrology protocols on River Mandvi and Beach (Marine water) and they compare the data to learn the difference in water parameters of fresh and marine water.
- This Year Young Friends of Environment -Expedition “Ambassadors for Sustainable Development” will held during 1-5 December 2018





# GLOBE Train -the -Trainer Workshop

## Bangkok, Thailand

- GLOBE Thailand organized a Train-The-Trainer workshop during 17 -23 December, 2017.
  - The TTT was attended by 42 participants mainly from Thailand and one participant from GLOBE partner – Taiwan.
  - The training was in two parts – Basic and advance protocol in which hydrology & atmosphere were covered.
  - The event was a great success. Dr. Tony Murpy, Dr. Dixon Butler also made presentation at the TTT.
  - The RCO worked closely with Thai hosts on organizing the event.
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# GLOBE Train-the-Trainer Workshop

## Bangkok, Thailand



# Visit of South Korean Student to GIO Office, USA


- Students from Masan Yongma High School, Republic Of Korea visited THE GLOBE Program.
- The six students, accompanied by their teacher and the South Korean Country Coordinator for GLOBE, had been selected as having the best GLOBE research projects.
- The prize was awarded by the Korea Foundation for the Advancement of Science and Creativity (KOFAC).





# GLOBE Teachers Training Workshop

## Pohnpei, Micronesia

- The RCO and the GLOBE Micronesia organized GLOBE Teachers Training workshop in Pohnpei during March 26-28, 2018.
  - RCO actively was involved and the Regional Coordinator was the trainer and was assisted by Country Coordinator in field activities.
  - The workshop was attended by 27 participants from 14 GLOBE Schools.
  - The protocols such as Atmosphere, Hydrology and Soil were as the part of Training. The data entry and web training was also included.
  - The participants visited NOAA Weather Experimental Station and were assisted by Dr. Welfred who is nominated as Assistant Country Coordinator by GLOBE Micronesia.
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# GLOBE Teachers Training Workshop

## Pohnpei, Micronesia







# Thank you

## CONTACT DETAILS

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