



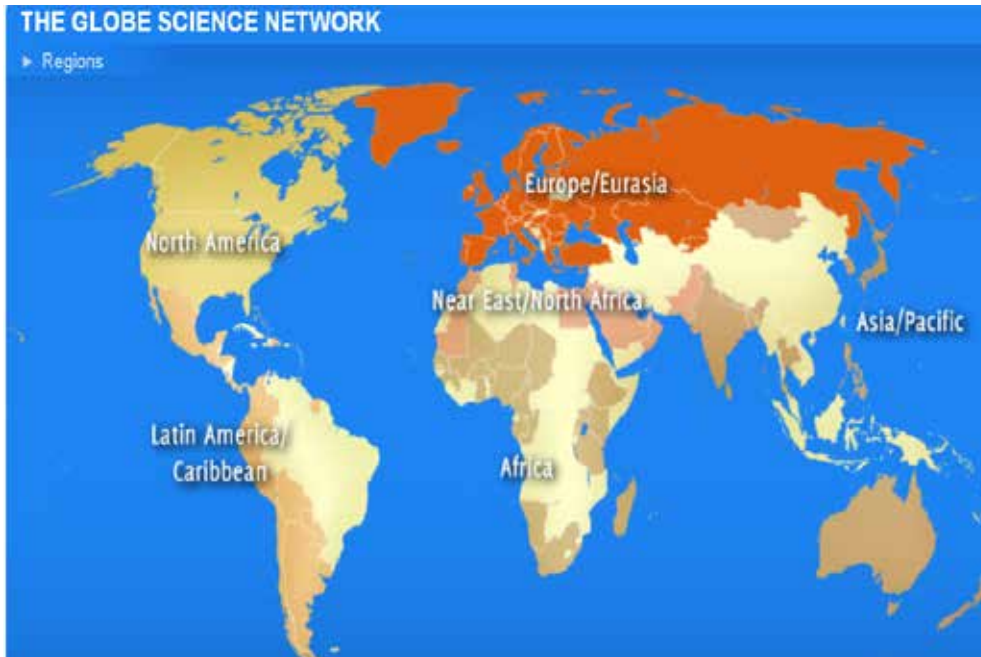
THE GLOBE PROGRAM
CONNECTING THE NEXT GENERATION OF SCIENTISTS

**GLOBE ASIA-PACIFIC
REGIONAL
PRESENTATION**

15TH GLOBE Annual Partner Meeting
Washington D.C.
18 July 2011



THE GLOBE PROGRAM



ASIA-PACIFIC PARTNER COUNTRIES

- ☐ Australia
- ☐ Bangladesh
- ☐ Fiji
- ☐ India
- ☐ Japan
- ☐ South Korea
- ☐ Maldives
- ☐ Marshall Islands
- ☐ Micronesia
- ☐ Mongolia
- ☐ Nepal
- ☐ New Zealand
- ☐ Palau
- ☐ Philippines
- ☐ Sri Lanka
- ☐ Thailand



ASIA-PACIFIC GOVERNANCE BOARD

Chair and GIAC Representative:

Deputy Chair:

Committee:

**International GLOBE.gov Website Redesign
Committee Representative:**

Mr. Raj Mehta (India)

Dr. Desh Bandhu (India)

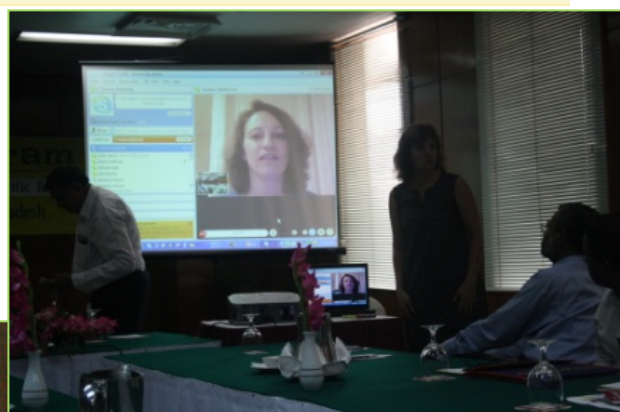
Ms. Monica Sabio (Philippines)

Dr. Charlie Navanugraha
(Thailand)

Mr. Ahmed Saleem (Maldives)

Mr. Binod Shrestha (Nepal)

Dr. Krisanadej Jaroensutasinee
(Thailand)



GLOBE Regional Presentation: Asia-Pacific

REGIONAL PRIORITIES for ASIA-PACIFIC

Working Groups

Promoting and strengthening regional and international implementation:

Chair: Mr. Raj Mehta (India)

Members: Fiji, Mongolia, New Zealand, Palau, Philippines, Thailand

Strengthening national implementation:

Chair: Ms. Monica Sabio (Philippines)

Members: Bangladesh, Maldives, Marshall Islands, Pakistan, Palau, Sri Lanka

Developing regional and international GLOBE projects and collaborations:

Chair: Dr. Charlie Navanugraha (Thailand)

Members: Bangladesh, Fiji, South Korea, Nepal, New Zealand, Sri Lanka

Developing the regional Master Trainer Corps:

Mr. Ahmed Saleem (Maldives)

Members: India, Fiji, Mongolia, Palau, Philippines, Thailand

Enhancing communication:

Chair: New Zealand

Members: Australia, Maldives, Micronesia, Mongolia, Nepal, Sri Lanka

Developing a regional sustainability plan:

Chair: Mr. Binod Shrestha (Nepal)

Members: India, Japan, Maldives, Marshall Islands, New Zealand, Thailand



ACTIVITIES AND RESEARCH PROJECTS

1. Designing of website for the region (<http://www.globeindia.org/asia-pacific/index.html>)
2. Organization of Exchange Programmes
 - Visit of GLOBE school Students from Thailand to India for climate Change Campaign
 - GLOBE Thai-Indian Academic Exchange programme
3. Organization of Learning Expeditions-
 - Ecology Learning Expedition at Kathmandu, Nepal (June 2011 and November 2010)
 - Biodiversity Learning Expedition at Hong Kong- 2010





ACTIVITIES AND RESEARCH PROJECTS

contd.....

ASIA-PACIFIC “Watershed Project” is an important environmental initiative in the region since human activities can potentially harm existing watersheds, which in turn affects the availability of water for all.

GLOBE students are developing extensive projects to better understand water dynamics and issues related to watershed management working together with scientists across the region.

GLOBE students conduct various activities in schools wherein students use various GLOBE instruments to measure transparency, pH, water temperature, electrical conductivity, alkalinity of water.

Various Regional Campaigns on Wetland Conservation through Science Communication, Training and Capacity Building in the region.

Rain water Harvesting systems have been adopted by many schools of Asia Pacific region.



ACTIVITIES AND RESEARCH PROJECTS

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Japan joined GLOBE on 29 August 1995 through a partnership between the Japanese Ministry of Education and the Japanese Environmental Agency leading the Junior Eco Clubs of Japan. Since that time, 198 teachers at 209 GLOBE schools in Japan have participated in GLOBE Program activities.



- GLOBE STAR OF JAPAN— Japanese GLOBE students, teachers and leadership have attended GLOBE Learning Expeditions and GLOBE Annual Conferences, proudly sharing their research projects and academic achievement with the entire GLOBE community.
- Recently, The 6th GLOBE Japan Student Conference was held from 17-19 December 2010 at the National Olympics Memorial Youth Center in Tokyo.



ACTIVITIES AND RESEARCH PROJECTS contd.....

- The GLOBE Program in **Australia** is taking full advantage of both print and electronic media to keep up with the more than 200 schools now participating in GLOBE.
- With this strong support at the national level, Australian students have reported more than 94,000 measurements in atmosphere, land cover/biology, soils, and hydrology.
- GLOBE Gold" Awards are given to those schools that report data for a minimum of six months and use this information to explore connections between their measurements and the Seasons Investigation from the Teacher's Guide.
- To help Australian schools keep in touch, GLOBE Australia publishes a newsletter featuring the work of outstanding GLOBE schools reporting data and advising teachers of upcoming training workshops.





ACTIVITIES AND RESEARCH PROJECTS

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- March 3, 2000 GLOBE program in Nepal was initiated.
- Established a Water Class Room at Shree Yashodhara Bauddha Secondary School.–Where the learner is able to acquire and apply knowledge and understanding of water and sanitation issues.
- Display of aquarium, artificial pond, different water species, reading and display corner, Water cycle, Rain gauge, different water models etc.
- This center is an opportunity to expose the learner for both practical and experimental learning related with water. Once this water classroom is visited, they can learn about different aspects of water science in relation with Human Values.



ACTIVITIES AND RESEARCH PROJECTS contd.....

⇒ The GLOBE Program in Thailand is currently working to implement Earth System Science (ESS) curriculum in as many schools as possible which focus on student research experiences that explore and learn about Earth through a network of students, teachers, and scientists.

⇒ The country has also hosted an abundance of important conferences and events. Recent projects and events in Thailand include the following:-

- FLEXE, Seasons and Biomes, CloudSat
- Conducts number of GLOBE conferences like-The 10th Annual GLOBE
- Conference and The Climate Change Education and Earth System Science
- Conference in Phuket, Thailand



GLOBE Regional Presentation: Asia-Pacific



ACTIVITIES AND RESEARCH PROJECTS contd.....

- In India, around 2,500 teachers from more than 1,900 schools have been trained in GLOBE Protocols.
- A majority of these schools are actively participating in the GLOBE Programme through projects like watershed management, climate change campaign etc.
- The CloudSat Programme is being actively pursued in some schools where Cloud data is being regularly monitored by the students
- GLOBE Schools also actively participate in activities organized on Earth Day and World Environment Day every year.



GLOBE Regional Presentation: Asia-Pacific

SOME GLIMPSES OF ACTIVITIES ORGANIZED TO CELEBRATE EARTH DAY - 2011



SOME GLIMPSES OF ACTIVITIES ORGANIZED TO CELEBRATE EARTH DAY - 2011

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