

THE COUNTRY REPORT: THE GLOBE PROGRAMME IN SRI LANKA

GLOBE Asia Pacific Regional Meeting

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Profile



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Cooperating Organizations

- Provincial Departments of Education (9)
- Central Environment Authority
- Government Universities
- Funded by: Consolidated fund, Government of Sri Lanka



Participating Schools

122 schools and 161 teachers



Province	No of schools
Western	45
Central	12
Southern	14
Northern	4
Eastern	3
North Western	14
Uva	4
Sabaragamuwa	15
North Central	11



GLOBE Protocols Used In Sri Lanka



- Atmosphere
- Hydrosphere
- Pedosphere
- Biosphere





GLOBE Activities in Sri Lanka

1. Expanding the programme
2. Quality improvement





1. Expanding the Programme

- **Conduct online teacher training programmes**
 - Refresher Training for the GLOBE Teachers (Atmosphere, Hydrosphere, Pedosphere, Biosphere)
 - Capacity building workshops for teachers on student research projects



- Education officer training and awareness programmes



2. Quality improvement of the programme



- Appointing regional monitoring officers to monitor the GLOBE programme
- Student project evaluation programme
- Sustainable development programme
- Tree planting programmes





Zoom Meeting

Recording

Shromani Ja... Janith Munas... Thanuga Dissan... Buda Cumara... Jevindu GK Dithira De Silva...

The diagram illustrates the Global Observing System. It shows a central hub labeled 'NMS' (National Meteorological Service) receiving data from various sources:

- POLAR ORBITING SATELLITE** and **GEOSTATIONARY SATELLITE** in space.
- AIRCRAFT** flying over the ocean.
- OCEAN DATA BUOY** and **WEATHER SHIP** on the water.
- SATELLITE SOUNDINGS** and **WEATHER RADAR** on the ground.
- SURFACE STATION** and **UPPER AIR STATION** on land.
- WEATHER RADAR** and **AUTOMATIC STATION** on land.
- SATELLITE IMAGES** being transmitted from space to the ground.

 All these sources are connected to the central NMS hub via various communication lines.

Zoom Meeting

Recording

Dithira De Silva... Pushparani de Silva... Thivindu Senara... Ishanka Roshen Indran... Aagil Alwan... Sabri Sinan

Janith Munasinghe

Dushyanth Weeraman

Zoom Meeting

Recording...

Key Factors

1. CO2 Emissions
2. Climate Change
3. Carbon footprint
4. Green Collar Jobs
5. 4R + R
6. CSR & Sustainability
7. Triple Bottomline
8. LCA
9. LOHAS
10. Sustainable mobility & Biketowork

Neth Gamage, Janith Munasinghe, yasashewage, RAJEEVA PERERA..., Anujith Adikaramge, Dijnath De Silva, Varun Iriyagolle, Himath Hetthiwewa, Buda Cumaratunga



Challenges

- Covid 19 pandemic situation
- Lack/ limitation of capital allocation to purchase equipment
- Lack of internet facilities for data entry
- Difficult to allocate extra time within school hours to conduct GLOBE protocols



Way Forward



- Provide GLOBE equipment to schools
- Provide financial assistance to build weather units in schools
- Continuation of student research projects evaluation programme
- Conduct national GLOBE learning expedition
- Strengthening elementary GLOBE for primary students
- Expanding student project work through the Environmental Pioneer programme in collaboration with the Central Environmental Authority, Sri Lanka
- Commemoration of special Environmental days with GLOBE teachers & students. Ex. Wetland Day, Water Day, Earth day, Environment Day, etc.



Contribution of regional collaborative projects

Thank You

