

PAKISTAN REPORT 2022

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Organization and Number of Staff:

The GLOBE Staff in Pakistan are not employees of the Ministry of Climate Change they are teachers working on voluntary basis. The team consists of the country coordinators, School Principals, teachers, students and scientists etc. There are around 50 teachers and 1000 students from various schools in Pakistan working on globe activities.

Funding

The Ministry of Climate Change of Pakistan is not funding the Globe Program. The program is mostly running on the goodwill gesture and support of Principals of Various Schools as well as the teachers who are working voluntary in it.

Cooperating Organizations/Individuals:

No funding and support for the program was received from the Ministry of Climate Change or Government of Pakistan in 2022. It was done by collecting funds from various donors through the effort of CC and voluntary staff.

GLOBE Schools:

In Pakistan since Government funds and cooperation is not available so few schools are actively participating in the Globe. So far around 38 schools are working in globe. 04 new schools joined Globe program in 2022. These schools are private schools who can afford to buy Globe Equipment on their own. They are in the process of understanding the Globe Program and teachers are learning about Globe Observations and Protocols.

GLOBE Protocol Areas:

The students in Pakistan mainly did protocols for Atmosphere and Hydrosphere as its easy for them to do and they had the equipment /tool kits to do it. Various curricular and co-curricular activities were conducted related to these spheres. Protocols for Pedosphere and Biosphere were performed

occasionally. However, overall, Globe program suffered due to Covid -19 lock downs and financial constraints in 2022.

Number of Schools Reporting Data over Past Year:

Many schools in Pakistan are collecting data but they are not uploading their data to the GLOBE website due to many bottlenecks in our educational system. Such as lack of laptops and internet connection in classrooms and cell phones are not allowed in schools.

Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

- Education: The GLOBE team provided various educational workshops for students and teachers for the year 2022. These workshops were mainly for teachers' professional training so they could work with students in their classrooms to motivate and teach students about globe and involve them in globe protocols and activities. No international activity or event took place in 2022.
- Science: Students were exposed to few protocols mostly Hydrosphere and Atmosphere. No inter school competition took place due to Covid -19 restrictions.
- Community: The GLOBE students along with the support of teachers and scientists went on few field trips in order to make students learn about their surroundings, take measurements and analysis their results. Debate competition, and science exhibition took place in 2022 to involve students with climate change and Globe initiatives. Earth Day , Water Day, Tree Plantation events were also conducted.
- Technology: A poster competition was conducted to highlight the importance of looking after the mother Earth on Earth Day Celebration in few schools.
- Communications: All communication with the GLOBE schools was done via an assigned GLOBE teacher working in the school.

Plans and Ideas for Next Year:

Globe Pakistan has the following goals and plans for Future.

- To improve funding resources: As government of Pakistan and Ministry of Climate Change is not funding the Globe Program and its expansion in Pakistan so alternate funding opportunities need to be explored to expand it in Pakistan. The Future Goal of Globe Pakistan is to Explore funding opportunity.
- To increase the enrollment of globe schools and teachers in Globe Program. Due to funding constraints schools are not very keen to spend time and effort on Globe initiative so efforts are required to strengthen the program and motivate more school management to show interest in Globe.
- To train more Globe teachers.
- To strengthen the data upload on website.