

## **REPORT OF GLOBE PAKISTAN ACTIVITIES (2011)**

Being an active member of The GLOBE Program, OPF Girls College, Islamabad, had been conducting various activities related to GLOBE protocols throughout the year 2011.

In March, 2011 GLOBE students of OPF Girls College celebrated 'GLOBE at Night'. This was March 6, 2011, when a group of GLOBE students and teachers gathered at the rooftop of the house of one of them at about 8.15 p.m. Soon they located Orion on the sky. They were able to see very clearly three bright stars forming the 'Belt of Orion'. Surrounding the belt at roughly similar distances, there were four bright stars, representing the outline of hunter's body. They drew the sketch of what they saw in the sky and sent their data to GLOBE website. This was not only interesting but also very informative for them.

OPF GLOBE students went for another exciting activity in the month of March. They celebrated World Water Day, 2011, in a unique way. They visited their hydrology study site, SHAHDRA stream, on March 24, 2011. These students had been visiting this site regularly since April, 2010. This time to mark the World Water Day, they thoroughly cleaned the area of the stream where they are used to perform hydrology protocol. They picked up all the wrappers, shopping bags, empty bottles and all other garbage from that place. After doing cleaning activity, the students measured water temperature, PH, transparency, alkalinity, amount of dissolved oxygen and nitrogen in the water.

As the new session started in April, 2011, regular periods of GLOBE were inducted in the time table of classes of grade X. This helped the students to be fully aware of the importance of 'The GLOBE Program' and also helped them in understanding of different protocols of this program. This, of course, created great interest for the environment in them which motivated them to design different environment-related activities in the college.

In May 2011, GLOBE students of the college measured soil temperature and soil moisture protocol for the first time. They followed "Star Method" and made a star in the soil near their atmosphere study site, according to instructions given in GLOBE guideline book. They measured soil moisture content and sent data to GLOBE website.

GLOBE students have been measuring Atmosphere data on daily basis in year 2011, except vacations, weekends and examinations. This data has regularly been sent to GLOBE website.

In addition to going for GLOBE protocols, college also organized various activities related to environment. This included the organization of an environment club, conduction of poster competition, skits, speeches and other stage performances on various environment related topics. Especially the concept of carbon cycle was introduced to the GLOBE students, who made different poster on carbon foot prints that were displayed in college corridors.

In short, OPF GLOBE students have developed keen interest in different GLOBE Protocols which has created special interest for environment in them. Now, they have

planned to go for those GLOBE Protocols which they have not yet touched, e.g.; landcover biology etc.

**GLOBE students cleaning up their hydrology study site, 2011**





**GLOBE students performing hydrology protocol, 2011**





**GLOBE students / teachers celebrating 'GLOBE at Night' event 2001**

