

Country Report Of Bangladesh

Sixth regional refreshers course &
soil acidification workshop.

I want to draw the attention of all participants is the national level capacity building to ensure the control & prevention of air pollution & its likely Transboundary effects for South-Asia.

It is noted that four regional training programmes were conducted during phase-II & the 5th regional training held March 2007 under phase-III to strengthen the monitoring network & human resources development which made a significant impact at the national & regional level.

As a signatory country, Bangladesh is a active member of Male' Declaration. From the beginning with the help of UNEP Bangladesh is implementing the Male' Declaration Agenda. For this purpose, Bangladesh established a transboundary air pollution monitoring station at Shyamnagar, district of Satkhira – which is situated south-east part of Bangladesh – near to Indian border. Parallel to our station, India has established another monitoring station at the Bangladesh border. Now Bangladesh is working to establish the second Monitoring Station, which site selection is under process.

In context to sample collection, Bangladesh is now performing the following activities:

Air Quality monitoring is used to perform in two ways that are-

- 1) Dry Deposition &
- 2) Wet Deposition.

In Case of Dry Deposition, deposited air pollutants are collected by diffusive passive sampler – which is sent to IVL Lab in Sweden.

On the other hand, a High Volume Sampler is installed for collecting the dry deposited air pollutants. It is a matter to inform the Male' declaration Authority that the High Volume Sampler not yet been installed due to the lack of electricity connection.

In Case of Wet Deposition, monitoring specially rain water, all parameters except NO_3 & SO_4 are used to analyze & send the data to United Nations Environmental Programme or UNEP – RRCAP office accordingly.

Presently, Bangladesh is working the regular tasks of Male' Declarations within a limited equipments. To fulfill the need to Male' Declaration Agenda the essentials are:

- Ion Chromatography
- Inductive Couple Plasma Automatic Emission Spectrometer.
- Allocation for Electricity Connection of the Monitoring Station.

As a signatory body of Male' Declaration, Bangladesh is always ready to co-operate & implement all sorts of Male' Declaration Agenda whole heartedly. Under the Dynamic leadership of the Secretary of Ministry of Environment & Forest or MoEF and Director General of Department of Environment or DoE to the Bangladesh Government, the Project Director of Bangladesh Segment, is playing a satisfactory role to fulfill the Male' Declaration Agenda.

I want to note that Bangladesh is playing a greater role in Environmental movements & accordingly the Son of Our Soil Dr. Atiq Rahman has been awarded to "Champion of Earth 2008" in the field of climatic change.

I am very glad to express my heartiest gratitude to Male' Declaration Authority for their cordial co-operation, co-ordination & all sorts of logistics and training facilities to fulfill the Male' Declaration Agenda in Bangladesh Context.