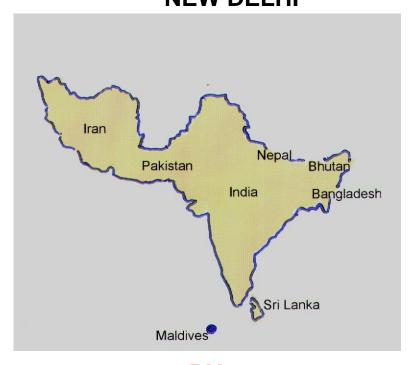
MALÈ DECLARATION ON CONTROL AND PREVENTION OF AIR POLLUTION AND ITS LIKELY TRANSBOUNDARY EFFECTS FOR SOUTH ASIA ANNUAL NETWORK MEETING-2005 NEW DELHI



BY
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Sri Lanka

PHASE 1 IMPLIMENTATION

- PHASE 1 WAS INITIATED WITH THE ADOPTION OF THE IMPLEMENTATION PLAN BY THE FIRST NETWORK MEETING HELD IN FEBRUARY 1999.
- PHASE 1 SAW THE ESTABLISHMENT OF A NETWORK ORGANIZATIONS TO IMPLEMENT THE DECLARATION AND COMPILATION OF BASELINE INFORMATION ON AIR QUALITY MONITORING AND MANAGEMENT IN THE PARTICIPATING COUNTRIES.

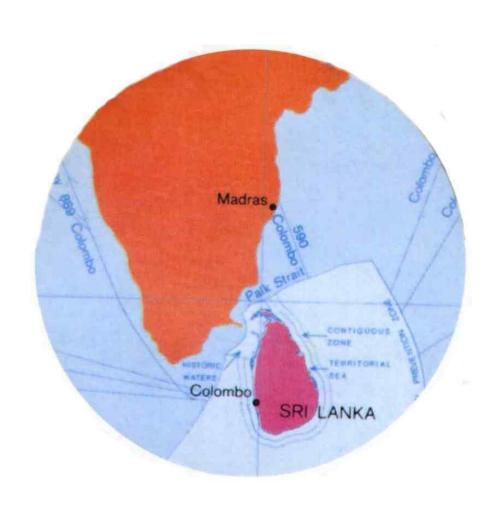
PHASE 1 IMPLIMENTATION Contd....

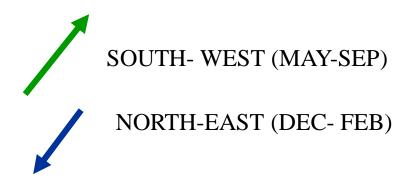
- BASELINE STUDIES PROVIDED VALUABLE INFORMATION ON TACKLING THE TRANSBOUNDARY AIR POLLUTION IN THE RTICIPATING COUNTRIES AND CLEARLY DENTIFIED THE GAPS IN THE EXISTING MONITORING SYSTEM.
- ALSO THE ACTION PLANS PREPARED BY THE PARTICIPATING COUNTRIES PROVIDED THE NATIONAL PRIORITIES IN IMPLEMENTING THE MALE DECLARATION.

PHASE 1 IMPLIMENTATION Contd....

• PHASE 1 OUTPUTS WERE REVIEWED AND ADOPTED AT THE SECOND MEETING OF NETWORK HELD IN MARCH 2000, KATHMANDU, NEPAL

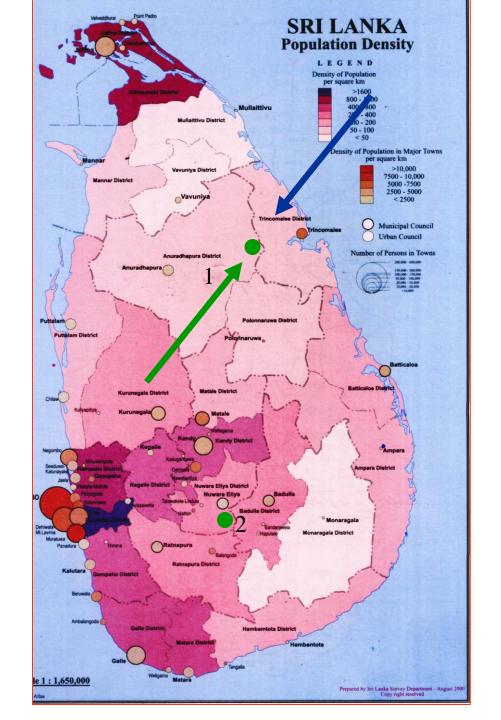
PHASE II IMPLLEMENTATION OF MALÈ DECLARATION IN SRL LANKA





SITE 1- GALENBINDUNUWEWA

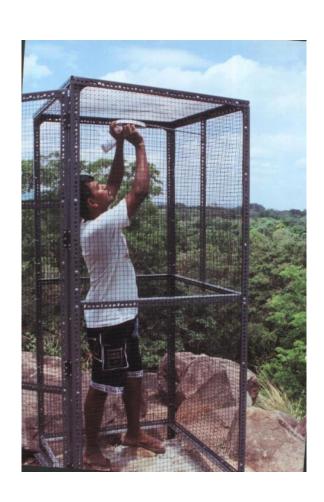
SITE 2- HORTAN PLAINS

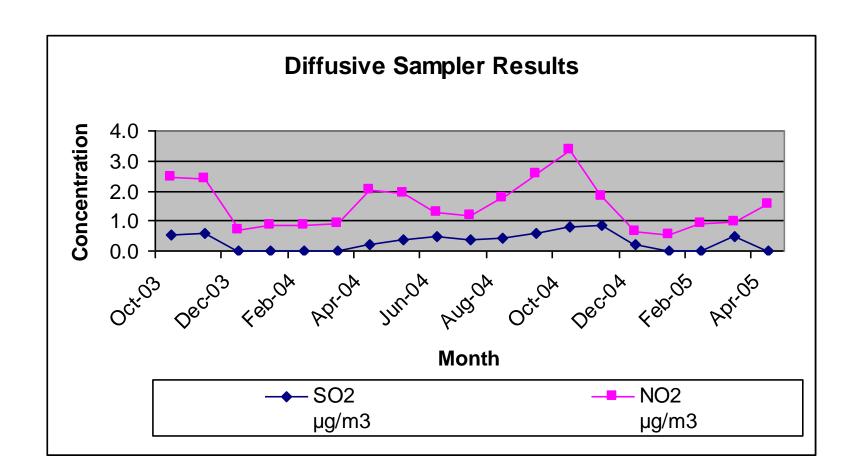


Monitoring Activities Under Malé Declaration Phase II

CEA started monitoring of Sulphure Dioxide, Nitrogen
Dioxide at the selected monitoring site at Dutuwewa,
Galenbindunuwewa in August 2003 and Wet Deposition
monitoring started in the latter part of November 2003.
Sulphure Dioxide and Nitrogen Dioxide monitoring using
passive samplers is carried out monthly and wet deposition
monitoring is carried out weekly.

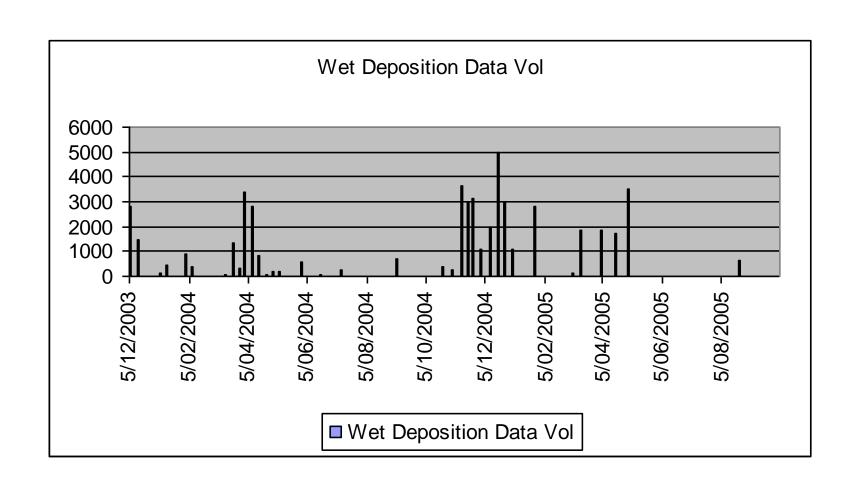
Monitoring of SO₂ & NO₂ using Passive Sampling

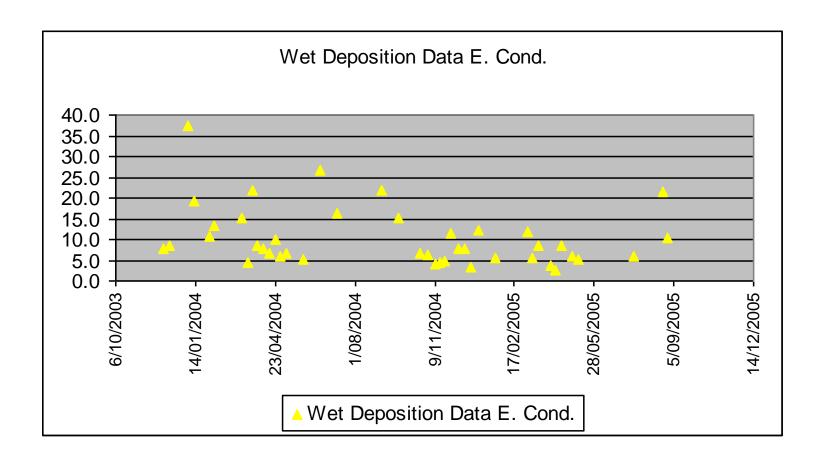


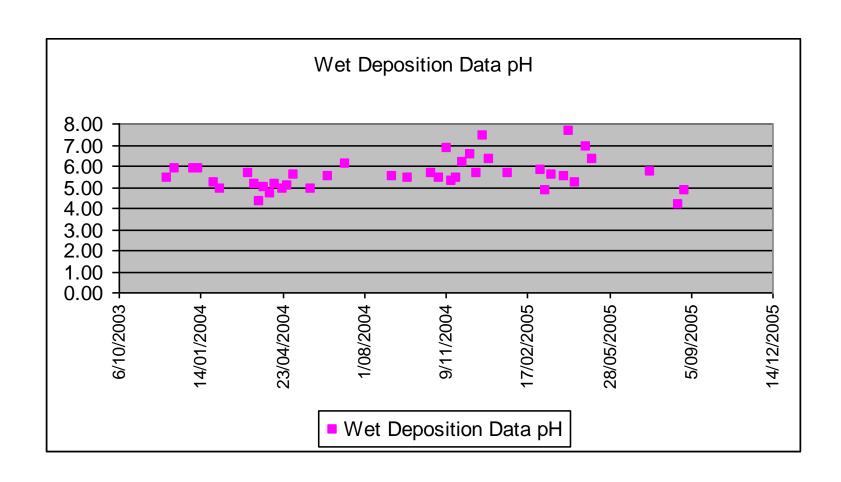


Wet Deposition Monitoring at Dutuwewa









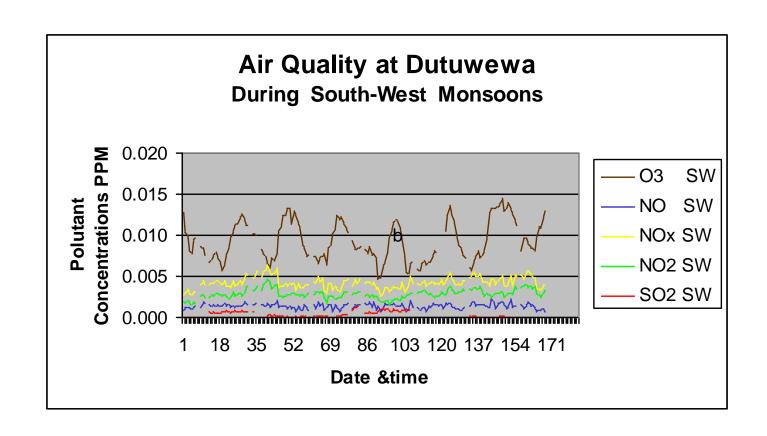
Ambient Air Quality

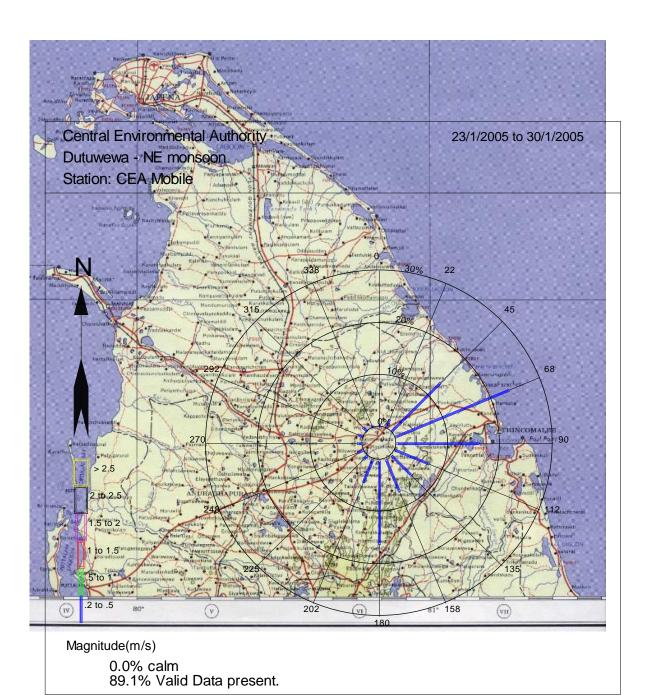
- Ambient Air Quality at Dutuwewa was monitored using Automated Monitoring Equipment also from 22nd July 2004 to 29th July 2004 (During the South West Monsoon) and from 23nd Jan. 2005 to 30th Jan. 2005 (During the North East Monsoon).
- Selected monitoring site for Automated Monitoring is situated 1-1.5 km East from the Malé Monitoring Site at Dutuwewa..

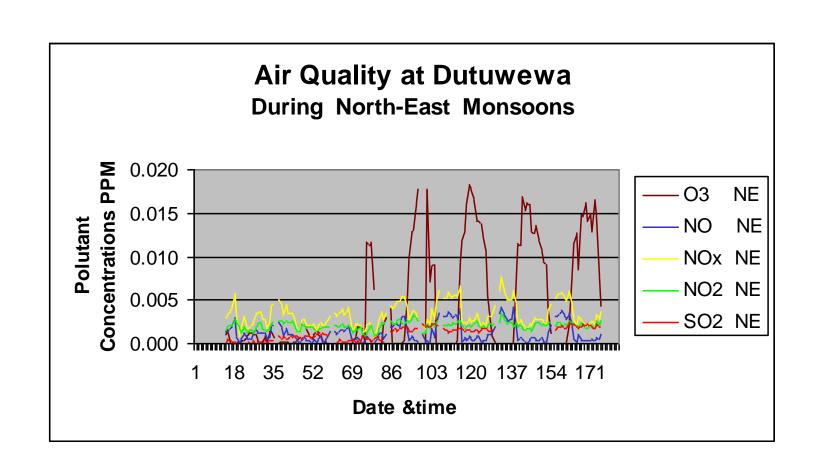
Automated Air Quality Monitoring at Dutuwewa

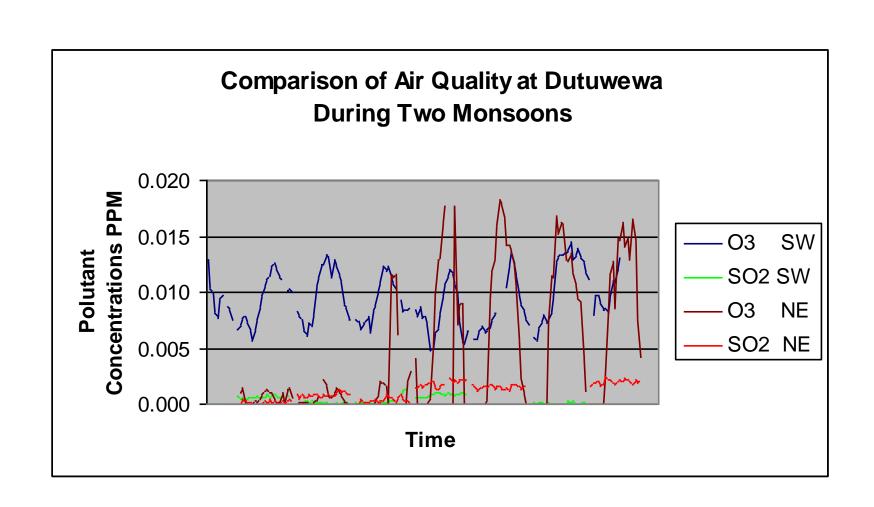


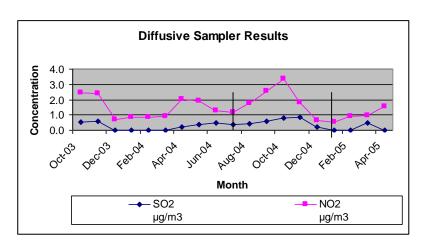


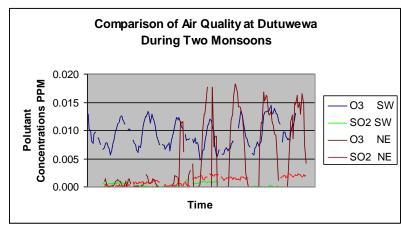












Challenges & Difficulties

- Unsteady power supply at the selected site
- Involvement of monkeys in sampling
- Long distance to travel (High transport cost)

Proposed activities for next 3 years

- Ozone passive sampling
- Passive sampling at the selected second site (Horton plains)
- Start of dry deposition monitoring (PM10)
- Any other activity as agreed in this meeting depending on the availability of funding