



SERB School on Air Quality Management

December 6-7, 2012

VMCC, IIT Bombay

Sponsored by DST, Government of India



Program Schedule

Day 1 - December 6, 2012 (Thursday)

09.00 AM to 10.00 AM **Registration, Tea/Coffee**

10.00 AM to 10.30 AM **Inaugural Session**

Anil K. Dikshit, Indian institute of Technology Bombay

Welcome to SERB School

A.K. Suresh, Indian institute of Technology Bombay

MAGEEP Educational Network

Virendra Sethi, Indian institute of Technology Bombay

Introduction to India Air Quality Resource Group

Rajeev Mital, MS, Maharashtra State Pollution Control Board

Rudolf B. Husar, Washington University in St. Louis

Air Quality Course and the GEO Air Quality Community of Practice

10.30 AM to 01.00 PM **Air Quality Monitoring and Assessment in India**

Session Chair : C.V.C Rao, National Environmental Engineering Research Institute, Nagpur

Ajay Deshpande, MSRDC

Development and Augmentation of Ambient Air Quality Network in Maharashtra

Gufan Beig, Indian Institute of Tropical Meteorology, Pune

System of Air Quality Weather Forecasting and Research (SAFAR)

V.N. Motghare, Maharashtra State Pollution Control Board

State perspective on Management of Air Quality in CEPI-Critically Polluted Areas

R.N.Singh, INSA National Geophysical Research Institute

Future of air quality modeling for sustainable development

Discussion

01.00 PM to 02.00 PM **Lunch**

02.00 PM to 04.00 PM **Ambient Monitoring and Assessment: Experiences from Other Countries**

Session Chair : A.L. Aggarwal, Consultant

Orhan Yenigur, Bogazici University

A review of the surface ozone and its precursor concentrations in the megacity of Istanbul

Jingkun Jiang, Tsinghua University

Particulate Matter Pollution in China

Jay Turner, Washington University

Monitoring Network Design - Approaches and Lessons from the USA, Hong Kong & Mongolia

Discussion

04.00 PM to 04.30 PM **Tea/Coffee Break**

04.30 PM to 06.30PM **Remote Sensing and Modeling Results for PM over India**

Rudolf Husar, Washington University in St. Louis

Air quality patterns over India from satellites and models

Harish Gadhavi, NARL, Indian Space Research Organization (ISRO)

Aerosol Characteristics in Rural Environment

Discussion

06.30PM to 07.00PM **Poster Session**

07.00PM to 08.00PM **Networking, Informal Meetings, and Dinner**

Day 2 - December 7, 2012 (Friday)

09.00 AM to 09.30 AM **Summary Report of Day 1**

Rakesh Kumar, National Environmental Engineering Research Institute, Mumbai

09.30 AM to 10.30 AM **Data Resources and Analysis Tools**

Rudolf Husar, Washington University in St. Louis

Ratish Menon, Indian Institute of Technology Bombay

10.30 AM to 11.00 AM **Tea/Coffee Break**

11.00 AM to 12.45 PM **Parallel Sessions**

Track 1 - DataFed Tutorials-Rudolf B. Husar

Track 2 - Strategic Planning Session on AQM

(a) Monitoring & Emission Inventory, (b) Health Exposure, (c) Modelling Data Interpretation
(d) Control Management

*A.B. Gupta, Amita Athawale, Akshara Kaginalkar, Rishi Agarwal, Subodh Maiti, Indrani Gupta,
Sandeep Mishra, Anil Kumar, Anjali Srivastava, Seema Unnikrishnan, G.G Pandit*

12.45 PM to 02.00 PM **Lunch & Poster Viewing**

02.00 PM to 03.15 PM **Urban Measurements, Supersites and Special Monitoring**

Jay Turner, Washington University

*Building a Conceptual Model for PM over Hong Kong: A Weight-of-Evidence Approach to
Evaluating Source Apportionment Results*

Brent Williams, Washington University in St. Louis

Organics; source types; primary secondary

Sachidanand Tripath, Indian Institute of Technology Kanpur

Characterization of Aerosols over Ganga Basin

Discussion

03.15 PM to 04.00 PM

**Tea and Panel Discussion:
Air Quality Monitoring and Analysis Opportunities for India**

Moderators:

Rashmi S. Patil, Indian Institute of Technology Bombay

Rakesh Kumar, National Environmental Engineering Research Institute, Mumbai

Panelists:

A.L. Aggarwal, Ex-Deputy Director, NEERI

Niraj Sharma, Scientist, CRRRI

U.C Mishra, Ex-Director, Health, Safety and Environment Group(HSEG), BARC

Sanjiv Kumar, Delhi Pollution Control Committee

Jay Turner, Washington University in St. Louis

Rudolf Husar, Washington University in St. Louis

04.00 PM to 05.00PM

Creation of a Road Map

05.00PM to 05.30PM

Closing Remarks, High Tea