



**WORKSHOP ON VEHICULAR AIR POLLUTION AND ITS IMPACT ON HUMAN HEALTH,
JOINTLY ORGANIZED BY MOEF / CPCB / EPCA / ICCT**

Venue: Gulmohar Hall, Indian Habitat Centre, New Delhi
Dates: 1 - 2 September, 2011

Agenda	
Day 1 – September 1	
Inaugural Session: 9:30 AM to 10:30 AM	
Welcome/Introduction	Dr. Alan C. Lloyd, President, ICCT
Address	Mr. Bhure Lal, Chairman, EPCA
Inaugural Address	Mr. J. M. Mauskar, Special Secretary, MOEF
Vote of Thanks	Dr. Anup Bandivadekar, ICCT
Tea /Coffee Break – 10:30 – 11:00 AM	
Technical Session – I (Air Pollution and Health) 11:00 AM to 1:30 PM	
Chairman – Prof. S. P. Gautam, Chairman, CPCB Co-chair – Mr. Michael Walsh, ICCT	
1. Current air quality issues in India	Dr. B. Sengupta, Former Member Secretary, CPCB
2. Recent health impact studies on air pollution in India	Prof. A. K. Sharma, University College of Medical Sciences, New Delhi
3. Finding of recent HEI health impact study conducted in India	Dr. Kalpana Balakrishnan, Ramachandra Medical College, Chennai
4. Air pollution and its effects on Health – Case Studies, India	Dr. M. K. Ray, Chittaranjan National Cancer Research Institute, Kolkata
5. Understanding the health impact of transport: What does the science tell us?	Mr. Dan Greenbaum, Health Effects Institute, Boston
Lunch Break – 1:30 PM – 2:30 PM	

Technical Session – II (Air Quality Monitoring, Emissions Inventories and Source Apportionment Studies) 2:30 PM to 5:30 PM	
Chairman – Prof. V. K. Sethi, IIT Mumbai Co-Chair – Dr. Judith Chow, Desert Research Institute	
1. Observations on Air Quality Monitoring, Emissions Inventories and Source Apportionment Studies	Prof. Roy Harrison, Univ. Birmingham, UK
2. Experience of source apportionment study in India	Dr. Prashant Gargava, CPCB, India
3. Source apportionment study – Case Study Kanpur	Prof. Mukesh Sharma, IIT – Kanpur
Tea /Coffee Break – 4:00 PM – 4:30 PM	
4. Source apportionment study – Case Study Bangalore	Mr. Rakesh Hooda, TERI
5. Source apportionment study – Case Study Mumbai	Dr. Rakesh Kumar, NEERI
6. Source apportionment study for vehicular pollution control – International experiences	Dr. John G. Watson, Desert Research Institute, USA
A buffet dinner will be served on the terrace of Delhi ‘O’ Delhi at 7:30pm.	
Day 2 – September 2	
Technical Session – III Policy Implications 9:30 AM to 11:30 AM	
Chairman – Mr. M. B. Lal, Chairman EAC 2, MOEF Co-chair – Dr. Alan Lloyd, ICCT	
1. Strategy and options to control vehicular air pollution to improve air quality – International experiences	Mr. Michael P. Walsh, ICCT
2. Vehicular Air Pollution and Role of EPCA	Ms. Anumita RoyChowdhury, Executive Director, CSE
3. Current initiatives for urban air quality improvement – Case study, Ahmedabad	Dr. Hardik Shah, Member Secretary, Gujarat State Pollution Control board
4. Current initiatives for urban air quality improvement – case study, Kolkata	Dr. Tapas Gupta, Chief Engineer, West Bengal Pollution Control board
5. Diesels – Before and After: Results of ACES Study	Mr. Robert O’Keefe, Health Effects Institute

Tea /Coffee Break – 11:30 AM – 12:00 AM	
Valedictory Session 12:00 AM to 1:30 PM	
1. Presentation on recommendation of workshop	Dr. Alan Lloyd, ICCT
2. Vehicular Air Pollution, Role of EPCA, and the Road Ahead	Ms. Sunita Narain, CSE/EPCA
3. Valedictory address	Dr. T. Chatterjee, Secretary, MoEF
4. Vote of Thanks	Dr. B. Sengupta, Former Member Secretary, CPCB
Lunch Break – 1:30 PM – 2:30 PM	
Technical Session on Source Apportionment Studies 2:30 PM to 5:30 PM	
A special technical session on Source Apportionment Study to be conducted by Dr. Watson and Dr. Chow of Desert Research Institute, USA.	
1. Weight of Evidence Validation of Source Contribution Estimates	Dr. John G. Watson, Desert Research Institute, USA
2. Real-World Emission Characterization	Dr. Judith C. Chow, Desert Research Institute, USA
3. Chemical Indicators of Source Contributions in Indian cities	Dr. Shankar G. Aggarwal, National Physical Laboratory, New Delhi.
4. Using Size Distributions as an Aid to Source Apportionment	Dr. Roy Harrison, Univ. Birmingham, UK
5. Using Top-down and Bottom-up Source Apportionment Studies to Evaluate Benefits and Co-Benefits	Dr. Sarath Guttikunda, UrbanEmissions.Info, New Delhi.