



International Workshop on –  
‘CHANGING CHEMISTRY IN CHANGING  
CLIMATE: MONSOON (C4)’

1-3<sup>rd</sup> May 2013

Indian Institute of Tropical Meteorology  
Pune, India



IITM-WMO seminar on -  
“METROPOLITAN AIR QUALITY  
FORECASTING AND SERVICES (SAFAR)”

30<sup>th</sup> April 2013



Scientific Themes of C4-Workshop  
(1-3<sup>rd</sup> May 2013):

- History of Monsoon research and atmospheric chemistry in Asian sub-continent regions.
- Linkages of Atmospheric chemistry, Climate Change and Monsoon
- Air pollution and Climate Change impacts on Human health
- Current and Emerging topics: Extreme air pollution events; Biomass Burning, Asian Brown Cloud.
- Key opportunities and major challenges in prediction and
- Predictability of Air Quality and short term weather.
- Stratosphere Troposphere Exchange, Brewer Dobson Circulation, Tropical tropospheric and stratospheric Ozone.
- Future needs

Scientific Themes of SAFAR Seminar  
(30<sup>th</sup> April 2013):

- Challenges in air quality forecasting and role of meteorology.
- Current state of emission inventories in Indian Mega cities.
- Air pollution-Induced health impacts and Mitigations strategies.

**C4-FOCUS**

Address regional burning issues of atmospheric chemistry and its linkages with climate change and Asian monsoon.

**SAFAR-FOCUS**

Share evidence-based knowledge and experiences in order to discuss the challenges in short term air quality forecasting and real time data generation.

• **Important Dates:**

- Deadline for Abstract Submission: 22 March, 2013
- Deadline for Application for Partial Travel Support: 22 March, 2013

• **Workshop Details:**

- Venue: IITM, Pune, India
- Website: <http://www.tropmet.res.in/c4/>
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