



12 March 2025, Day 1

Start time	Speaker(s)	Topics of discussion
		<i>Chair : S. D. Attri</i>
09:00	Dilip Ganguly	Welcome, logistics, inauguration, introduction IITD-RIHN MoU
09:10	Vijay K. Soni	Lessons learned and continuation of the SAFAR measurements across cities
09:30	Prabir Patra	The Aakash Project and targets of the workshop
09:50	Jaswant Rathore	Characteristics of haze pollution events during biomass burning period at an upwind site of Delhi
10:10	Tea/Coffee Break	
		<i>Chair : Kazuyuki Inubushi</i>
10:40	Mohammad Rafiuddin / Kurinji Selvaraj	Research and developments in Punjab by CEEW – an overview
11:10	Kamal Vatta / Kaoru Sugihara	Economics of crop residue burning and rice cultivation in Punjab
11:40	Chandra Mohan / Rasane Prasad	Crop diversification, residue management & food nutrition research at LPU
12:10		Discussions
12:30	Lunch break	
		<i>Chair : Dilip Ganguly</i>
14:00	Sagnik Dey	Health impacts of air pollution in India: Current knowledge and future directions
14:20	Pallavi Joshi	Long and short-term premature mortality attributable to crop residue burning in Punjab, Haryana and Delhi
14:40	K. Ravindra & Suman Mor	Activities at PGIMER & PU
15:00	Kazunari Onishi / Kayo Ueda	Perceptions of air pollution from stubble burning and its health risks—a cross-sectional survey in Punjab
15:20		Discussions
15:50	Tea/Coffee Break	
		<i>Chair : Sachiko Hayashida</i>
16:10*	Gaurav Govardhan / Prafull Yadav	IITM-Pune air pollution forecasting system – requirements for improving accuracy of prediction
16:40	Akash Biswal / Prabir Patra	Model simulations for CUPI-G observations in Oct-Nov of 2022-2024
17:00	Dilip Ganguly	Air Pollution Modeling at IIT Delhi: Ongoing Research and Key Insights
17:20	Mahendar Rajwar / Manish Naja	Unravelling the role of NMHCs in Ozone, SOA formation and health risk in northern India
17:40	S. D. Attri	Concluding remarks /Discussions
18:00	Day 1 Meeting adjourned	
19:00	Socialization , Day 1	Dinner at guest house

13 March 2025, Day 2

Start time	Speaker(s)	Topics of discussion
		<i>Chair : S. Ramachandran</i>
09:00	Yutaka Matsumi	CUPI-G instruments – developments, QA/QC etc.
09:20	Surendra Dhaka	Trends in Delhi air pollution based on long-term observational data analysis
09:40	Harish Gadhavi	An analysis of CRB and PM _{2.5} measurements from CUPI-G using Lagrangian dispersion modelling
10:00	Prakhar Misra / Sachiko Hayashida	Limitations of orbiting satellite-based fire detection for crop residue burning in north-west India
10:20		Discussions
10:40	Tea/Coffee Break	
		<i>Chair : Suman Mor</i>
11:00	Sanat Das / Shahina Saikh	Urban atmosphere enriched with diverse bacterial communities loaded with pathogens
11:20	Lokesh Sahu	Long-term and campaign-based measurements of VOCs and other reactive trace gases
11:40	Natsuko Yasutomi / Poonam Mangaraj	Summary of 3-years of CUPI-G measurements and analysis support system for pollution movement analysis
12:00	M.S. Bhatti	PM _{2.5} around Amritsar – an analysis of 3 sites using advanced statistical tools
12:15		Discussions
12:30	Lunch Break	
		<i>Chair : Sagnik Dey</i>
14:00	S. Ramachandran	Aakash 2.0 : The way ahead & challenges
14:20	Sachin Ghude	IITM/MoES expectations and long-term strategy
14:40	Vikash Singh	CAQM's perspectives on observation and modelling
15:00	Sachiko Hayashida / Mizuo Kajino	Japanese Funding opportunities
15:20		Summary of Future Scopes
15:40	Meeting adjourned	

Workshop Objectives:

How to best observe the evolution of air pollutant in the northern Indian subcontinent – tiered instrumentation

How good are the fire counts (instant action) and burnt area (retrospective analysis) from satellites for policymaking and tracking of crop residue burning

Improvements to air pollution modelling – emission inventories, diurnal and synoptic variations and modelling schemes