

**Urban Air Quality Management and Training on UrbAirIndia
November 07-08, 2022**

DRAFT AGENDA

Monday, November 7, 2022		
Time	Session	Speaker(s)
10:00-10:05	Inaugural Session	Welcome (Dr. Manoj Khare, C-DAC)
10:05-10:15		C-DAC Introduction
10:15-10:25		National Supercomputing Mission
10:25-10:30		Workshop Overview (Dr. Akshara Kaginalkar, C-DAC)
10:30-10:40		Workshop Inauguration
10:40-10:55		Keynote Address: NCAP and UrbAirIndia Overview (Dr. Prashant Gargava, Member Secretary, CPCB)
Session 1: Presentations		
11:00-11:15	Expert Talks	Source Apportionment in NCAP
11:15-11:30		Air Quality Modeling (Dr. Sachin Ghude, IITM Pune)
11:30-11:45		Role of GIS in Air quality management
11:45-12:00		Clean Air Action Plan of Pune (Mr. Mangesh Dighe, Pune Municipal Corporation)
12:00-12:15		Pune Air Quality Early Warning System (Dr. Gaurav Govardhan, IITM Pune, and Dr. Santosh Kulkarni, C-DAC)
12:15-12:20	Launch	Pune AQ EWS with UrbAirIndia
12:20-12:50	Panel Discussion	Air Quality Data Governance: the end-user perspective
12:50-13:00	Vote of Thanks – Ms. Asima Mishra, C-DAC	
13:00-14:00	Lunch Break	
Session 2: Presentations		
14:00-14:10	Urban Modeling, UrbAirIndia & GIS	TBD (Dr Sakshi Batra, CPCB)
14:10-14:20		NSM Urban Modeling Project (Dr. Akshara Kaginalkar, C-DAC, Pune)
14:20-14:40		UrbAirIndia Overview (Dr. Santosh Kulkarni and Dr. Sivakumar V, C-DAC, Pune)

14:40-14:50	Computational Applications	Effect of a dust storm on pollution over India using WRF-Chem (Dr Sumita Kedia, C-DAC)
14:50-15:00		Fire emissions over NW India and Delhi (Dr Santosh Kulkarni, C-DAC)
15:00-15:10		Land Use Land Cover (LULC) processing for AQM (Mr Srujan Gavhale, C-DAC)
15:10-15:20		CFD application case study over Pune (Mr Sri Sai Meher, C-DAC)
15:30-15:40		WRF-Fire model (Dr. Manish Kale, C-DAC)
	Tea Break	
16:00-16:10		Cyber-infrastructure for Urban Modeling
16:10-16:20	Demonstrations	WRF modeling workflow
16:20-16:30		WRF-Chem modeling workflow
16:30-16:40		AERMOD modeling workflow
16:40-17:00	Discussions	
Tuesday, November 8, 2022		
Time	Session (In-person)	
Batch1: Hands-on		
10:00-11:15	Demo of UrbAirIndia and Hand-on using UrbAirIndia	
11:15-11:30	Tea Break	
11:30-12:45	Hand-on using UrbAirIndia	
13:00-14:00	Lunch Break	
Batch2: Hands-on		
14:15-15:30	Demo of UrbAirIndia and Hand-on using UrbAirIndia	
15:30-15:45	Tea Break	
15:45-17:00	Hand-on using UrbAirIndia	