

India Clean Air Summit (2025)

Agenda

Wednesday, 20 August 2025

10:00–10:15	Introductory remarks (scope of training)	
10:15–11:15	Introduction to air quality models, including policy-relevant air quality models (PRMs) By Dr Piyush Bhardwaj (Research Scientist, Air Quality, CSTEP)	Introduction to air quality observations (aerosol physical and chemical characterisation and instruments) By Kavyashree Kalkura (Analyst, Air Quality Sector, CSTEP) and Umer Ali (Senior Analyst, Air Quality, CSTEP)
Tea break (11:15–11:30)		
11:30–13:00	Tutorial on air quality modelling By Professor Spyros Pandis (Dept. of Chemical Engineering, University of Patras, Greece)	TBD
Lunch (13:00–14:00)		
14:00–15:30	Tutorial on the development of the REACH PRM By Sanjukta Ghosh (Senior Analyst, Air Quality, CSTEP)	Introduction to low-cost sensors and sensor evaluation By Emil Varghese (Senior Analyst, Air Quality, CSTEP)
Tea Break (15:30–15:45)		
15:45–17:30	Hands-on training in REACH and InMAP PRMs / CSTEP dashboard By Sanjukta Ghosh (Senior Analyst, Air Quality, CSTEP)/Krishnendu Barman (Analyst, Air Quality, CSTEP)	Machine learning for sensor calibration and data analysis By Nirav Lakinwala (Senior Associate, Air Quality, CSTEP) and Nidhi Malik (Senior Associate, Air Quality, CSTEP)
Break/Networking (17:30–18:30)		
18:30–19:30	<ul style="list-style-type: none">Speeches by Dr Jai Asundi (Executive Director, CSTEP) and invited guests (TBC)Launch of CSTEP’s new policy briefs on mitigation of air pollution from heavy commercial vehicles (HCVs) and diesel generators (DG sets)Showcasing CSTEP’s new dashboard for Policy-Relevant Air Quality Modelling (PRMs)	
ICAS dinner (19:30–22:00)		

Thursday, 21 August 2025

9:00–9:30	Registration
9:30–11:00	<i>Plenary session</i> Welcome remarks By Dr R Subramanian (Sector Head, Air Quality, CSTEP) Keynote address (followed by Q&A): <ul style="list-style-type: none"> • Senior government official (TBC) – Title TBD • Prof Spyros Pandis – Title TBD
Tea break (11:00–11:15)	
11:15–12:45	Missing pieces of air quality management in India
Poster presentations and lunch break (12:45–14:15)	
14:15–15:45	Ambient air quality management and indoor/household air pollution (students and other participants TBC)
Tea break (15:45–16:00)	
16:00–17:00	Panel discussion on ‘Modelling solutions to pollution: Understanding community needs’ (need for India NEI, better measurements, and capacity building) By Dr Piyush Bhardwaj (others participants TBC)
17:00–18:00	Panel discussion on ‘Importance of secondary pollutants and short-lived climate forcers in air quality management’ Prof V Faye McNeill (Vice Chair, Department of Chemical Engineering; Professor of Chemical Engineering and Earth and Environmental Sciences, Columbia University), Dr R Subramanian, and others (TBC)
Poster presentations and break (18:00–19:00)	
Networking dinner (19:00–21:30)	

Friday, 22 August 2025

9:30–10:30	TBC – invited talks by senior government officials (PCB Chairpersons / CAQM officials) and academics
Tea break (10:30–10:45)	
10:45–11:45	Reducing barriers to air quality modelling: Current state of emission inventories and ambient air quality observations; emerging techniques to fill existing data gaps By Dr Sarath Guttikunda (Founder and Director, Urban Emissions) (TBC)
11:45–13:00	Air pollution sources and solutions Invited talk on brick kiln sector by Dr Sameer Maithel (Founder, GKSPLGreentech Knowledge Solutions Pvt Ltd) (TBC) Research talks: <ul style="list-style-type: none"> • Transportation sector (Ms Swagata Dey, Policy Specialist, Air Quality, CSTEP) • Power sector: DG sets (Mr Anirban Banerjee, Senior Associate, Policy Development & Assessment, CSTEP) • Construction sector (TBC)
Lunch break (13:00–14:30)	
14:30–14:45	Sponsor sessions
14:45–15:00	Distribution of certificates to student poster presenters
15:00–16:00	Panel discussion on ‘Solutions to mitigate household air pollution for health and climate co-benefits’ (participants TBC)
16:00–16:30	Concluding remarks By Dr R Subramanian Vote of thanks By Dr Piyush Bhardwaj
Networking and high-tea (16:30–17:30)	