

National Workshop on Improving Air Quality Management through Modelling and Forecasting
Venue - Day 1 - Fern Kesarval Hotel, Verna | Day 2 and 3 - IIT Goa | 15–17 March 2024

Context

The introduction of a pre-emptive Graded Response Action Plan (GRAP), which is linked to air quality forecasts from the Air Quality Early Warning System (AQEWS) in Delhi, hints towards the shift from ‘reactive’ to ‘proactive’ measures for air quality management. Following the implementation of AQEWS in Delhi, city-level air quality forecasting has now been extended to several major cities of the country. Keeping the evolving landscape in mind, CEEW, in collaboration with UrbanEmissions.Info and IIT Goa, is organising a national-level workshop on improving air quality management through modelling and forecasting.

Agenda

Day 1 (15 March 2024 | Venue - Fern Kesarval Hotel, Verna)

Time	Session details
0900–0930	Registration
0930–0935	Introduction to the Event and Welcome Address by CEEW
0935–0945	Special Address by IIT Goa
0945–1100	Introduction to Air Quality Modelling
1100–1130	Tea Break
1130–1230	Inputs for Air Quality Modelling - Emission Inventories, Weather Data, etc.
1230–1330	Networking Lunch
1330–1430	Integrated Air Quality Modelling with SIM-Air
1430–1530	Chemical Transport Modelling and its Benefits Compared to Simpler Dispersion Models
1530–1615	Q&A Session
1615–1620	Closing Remarks for Day 1
1620–1700	High Tea

Day 2 (16 March 2024 | Venue - IIT Goa)

Time	Session details
0930–1100	Air Quality Modelling with WRF-CAMx - Modules and Governing Equations

	(Basics)
1100–1130	Tea Break
1130–1300	WRF-CAMx - Preparing Inputs for the Model
1300–1400	Networking Lunch
1400–1530	SIM-Air Deep Dive
1530–1600	Tea Break
1600–1730	Hands-on SIM-Air

Day 3 (17 March 2024 | Venue - IIT Goa)

Time	Session details
0930–1100	WRF-CAMx Case Study Walk-through
1100–1130	Tea Break
1130–1300	WRF-CAMx Hands-on (Session 1)
1300–1400	Networking Lunch
1400–1530	WRF-CAMx Hands-on (Session 2)
1530–1615	Feedback and Concluding Remarks
1615–1700	High Tea

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