Workshop on
Urban Air Quality Management and Training on UrbAirIndia

November 07-08, 2022 | Hotel Tip Top International, Hinjewadi, Pune-57

CPCB | **CDAC** | **NSM**

About Workshop

Under the aegis of the "Urban Integrated environment modeling and service," a National Supercomputing Mission (NSM) consortia program of GoI and National Clean Air Program (NCAP); CPCB and C-DAC are organizing a two-day workshop on Urban Air Quality Management and hands-on training on 'UrbAirIndia' a decision making tool. This meeting will bring together experts from regulatory agencies (CPCB/SPCB), researchers from IoRs, policy-makers, and local administrators, to discuss the data and science needs of cities for NCAP.
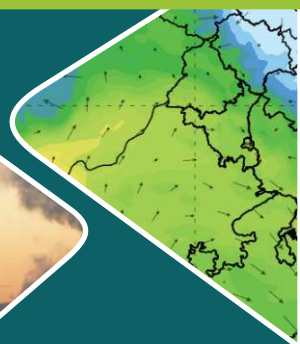
About UrbAirIndia

C-DAC and CPCB have jointly developed Urban Air Quality Management Decision system for Indian Cities. UrbAirIndia is an integrated web based GIS-enabled system with pollution monitoring analytics, emission inventory management, dispersion modelling, receptor modelling, and pollution scenario analysis. It is a multi-user system enabling cross-sector co-ordination between pollution control boards, researchers from IORs, local government bodies, and policy makers. It facilitates air quality information dissemination to citizens.

NSM Urban Integrated Environment

C-DAC in collaboration with IITM Pune, IISc Bangalore and IIT Bhubaneswar is executing, 'Urban Integrated Environment modeling and services NSM consortia program'. It has "multi-sectorial simulation lab & a state-of-art decision support system (DSS) to address extreme urban environmental issues". The integrated NSM Urban Environment science to society (UES2S) cyber-infrastructure and 'UrbAirIndia' has science and services cloud platform enabling cross-sector weather, air quality, and hydrology models, emission inventory, source apportionment, and data communications.

HIGHLIGHTS

- Cross-Sector Stakeholder System
- Air Pollution Monitoring
- Emission Inventory
- Air Quality Modeling
- Future Scenario Analysis
- Emissions Reduction Strategies
- GIS based City Action Plans
- Highend Data Analysis
- State of the Art Urban DSS

Target Audience

The UrbAirIndia-2022 will bring together experts from regulatory agencies (CPCB/SPCB), policy-makers, researchers from IoRs, officials of local bodies.

Expected outcome

The hands-on training on UrbAirIndia will be useful to develop emission inventory, perform air quality modeling, and simulate control measures scenarios for implementing NCAP in cities.

Registration is by Invitation

Last date of registration - October 31, 2022

The delegates can register through underline web-link given below
https://cdac.in/index.aspx?id=ev_UrbAirIndia

The event has workshop on:
1) Urban air quality management on November 07, 2022 **in hybrid** mode.
2) Training on UrbAirIndia for IoR & local bodies on November 08, 2022 **in person**.

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