



INDIAN INTERNATIONAL CONFERENCE
ON AIR QUALITY MANAGEMENT

8th IICAQM 2023 INDIAN INTERNATIONAL CONFERENCE ON AIR QUALITY MANAGEMENT

Dates: 4th – 8th Dec 2023
Venue: Indian Institute of Science,
Bengaluru, India

Measurement, Modelling, Health Risk and Public Policy

BACKGROUND

Urbanization and increased vehicular population have led to severe air quality issues. According to the World Health Organization (WHO, 2014), over 2 million deaths and respiratory illnesses occur annually in developing countries due to urban air pollution (UAP). Road transport is the primary source, while domestic, commercial, and industrial activities also contribute significantly. These air pollutants undergo atmospheric transformations and spread from local to global scales, affecting human health, visibility, buildings, and ecosystems. The toxic nature of pollutants, exposure time, and pathways influence their impact on human health. Hence, there is a growing need to establish a scientific basis for assessing the risks posed by toxic air pollutants to both human health and the environment.

advancements in theories, technologies, and applications related to air quality management and health impacts. The conference series has seen several successful editions: The 1st (IICAQM 2016) and 3rd (IICAQM 2018) conferences were held at IIT Madras, the 2nd (IICAQM 2017) was held at IIT Delhi, the 4th (IICAQM 2019) at IIT Bombay, the 5th (IICAQM 2020) was hosted online by IIT Madras, the 6th (IICAQM 2021) was hosted in hybrid mode by IIT Guwahati and IIT Madras and 7th (IICAQM 2022) was held at IIT Madras. The IICAQM aims to bring together leading academicians, scientists, engineers, and research scholars to exchange and share experiences and research results related to all aspects of air pollution health and exposure assessment and its management.

THE CONFERENCE

IICAQM, the Indian International Conference on Air Quality Management, plays a significant role as a forum for scientists, engineers, educators, and practitioners to exchange the latest

BENEFITS OF ATTENDING IICAQM

The conference offers an excellent opportunity to exchange information amongst researchers working in academic institutions / R&D organizations, to present and publish research findings and interact with experts and partners from administration and industry.

Jointly organized by:



Website: <https://2023.iicaqm.in/> Email: iicaqmiitm@gmail.com

The conference will be held at IISc Bengaluru. The campus is located at a distance of about 35 km from Bangalore airport and 7 km from city central railway station and is well connected by city buses.



CALL FOR PAPERS

We welcome paper submissions that present new ideas, techniques, new management systems, and innovative applications that reflect the current breakthroughs in air quality management.

CONFERENCE TOPICS

The areas of interest at the conference are listed below. Full papers must be submitted by 15th September 2023 on the website.

Air Quality Monitoring and Measuring Techniques
Air Quality Modelling
Emission Inventory
Source Apportionment
Source-Receptor Modelling
Particulate matter, ultrafine particles, and black carbon in transport microenvironments
Exposure Monitoring and Health Risk Assessment
Indoor Air Quality
Air Quality Management Policies and Legislation
Air Quality Data Analytics
Case Studies

ABOUT ORGANIZING INSTITUTES

Indian Institute of Technology Madras is a leading institute in India, has 16 academic departments in engineering and pure sciences. Situated on a scenic 250-hectare wooded campus, it ranks 1st for engineering research and teaching in the country.

Indian Institute of Science Bengaluru, established in 1909, is a top-ranked institution in India. It offers 40 disciplines in PG and UG programs across 6 divisions and boasts a highly cited faculty worldwide.

Indian Institute of Technology Guwahati, established in 1994, has 11 departments, 5 interdisciplinary academic centers, and 4 schools, spanning engineering, science, and humanities. Its campus sprawls over 285 hectares on the north bank of the Brahmaputra River.

Australian National University is a leading public research university in Canberra, Australia. With 7 colleges, national academies, and institutes on its Acton campus, it holds the top spot in the 2022 QS World University Rankings for Australia and the Southern Hemisphere.

Mahidol University is a leading autonomous research institution in Thailand. It offers 629 programs across 17 faculties, 6 colleges, 9 research institutions, and 6 campuses. Ranked #1 in Thailand in 2011 by QS Asian University Rankings.

University of Bath is a prestigious UK public university located in Bath, established in 1966. Known for its excellence in research and teaching, it has secured a position within the top 400 globally (ARWU 2016) and has consistently ranked in the top 300 (World University Rankings 2016-2018).

Asian Institute of Technology, founded in 1959, is an international higher education organization located 40 km north of Bangkok, Thailand. It focuses on

REGISTRATION FEE*

Participation Type	Conference Fee		
	Delegates	Authors	Students
India	INR 15,000	INR 7,500	**INR 5000 ***INR 7,500
Other Countries	EURO 300	EURO 200	EURO 200

*Registration fee includes an electronic copy of the IICAQM 2023 proceedings, conference kit and refreshments. Students must provide a bonafide certificate. Registration will not be processed without payment.
** INR 5000 for the students who are only attending the conference and not presenting a paper.
***INR 7500 for the students attending both conference and winter school.

Registration link: <https://elearn.nptel.ac.in/IICAQM2023/>



IMPORTANT DATES

Submission of Full-Length Paper:	15th Sep. 2023
Submission of Poster:	30th Sep. 2023
Paper & Poster Acceptance/ Revision Notification to Authors:	30th Oct. 2023
Submission of Revised Paper/ Poster along with registration fee:	15th Nov. 2023
Winter School:	4th – 8th Dec. 2023
Conference Dates:	6th – 8th Dec. 2023

engineering, advanced technologies, sustainable development, and management. AIT ranks 2nd in Thailand for Engineering and Technology in the QS World University Rankings by Subject 2020.

University of California Riverside: Pioneering research on 1,200 scenic acres in Southern California. Top 1% globally (Center for World University Rankings) and a Forbes top 12 public university in the US.

Indian Institute of Technology Bombay, established in 1958, was the second IIT and the first with foreign assistance. UNESCO funds came from the Soviet Union. Designated an Institute of National Importance in 1961, it has grown into a top global technical university.

Indian Institute of Technology Kanpur, founded in 1959, is a premier institution established by the Government of India. It focuses on meaningful education, top-notch research, and technological innovation leadership.

CONFERENCE CHAIRMEN:

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