ABOUT ORGANIZING INSTITUTES

Indian Institute of Technology Madras (IITM) is one of the foremost institutes of national importance in India for higher technological education basic and applied research. IIT Madras is ranked first in India for research and teaching institutions in engineering. The Air Quality Research Laboratory under the Department of Civil Engineering focuses on air quality modeling, hotspot air quality management, indoor air pollution, source apportionment, low-cost sensors, and exposure assessments.

University of Surrey (UoS) is one of the UK's top professional, scientific and technological universities. The UoS's Global Centre for Clean Air Research (GCARE; www.surrey.ac.uk/gcare) is hosted within the Department of Civil & Environmental Engineering. GCARE is a virtual and physical collaborative platform, along with an advanced air quality lab, to conduct leading-edge research strengthen and further widen research ties with national and international partners.

University of Bath is a public university located in Bath, Somerset, United Kingdom. It received our Royal Charter in 1966 and is now established as the top 10 UK universities with a reputation for research and teaching excellence. Bath was ranked joint 25th amongst multi-faculty institutions in the UK for the quality (GPA) of its research and 28th for its Research Power in the 2021 Research Excellence Framework.

University of Canberra (UC) in Australia is renowned for its commitment to practical, industry-relevant education and research. Located in the capital city, Canberra, UC offers a range of undergraduate and postgraduate programs across various fields, including health, education, design, business, and information technology. Founded in 1967, UC has grown into a dynamic institution known for its strong ties with industry and government.

Helmholtz Centre for Environmental Research (UFZ) was founded in December 1991, and it was the first and only research institute in the Helmholtz Association of German Research Centers to be exclusively dedicated to environmental research. UFZ is located in the towns of Leipzig, Halle, and Magdeburg.

Mahidol University, located in Thailand, is a prestigious institution renowned for its academic excellence and contributions to society. Founded in 1888, it is Thailand's oldest and one of its most respected universities. Mahidol University offers a wide range of undergraduate and postgraduate programs across disciplines such as medicine, public health, science, engineering, social sciences, and humanities.

Asian Institute of Technology (AIT), situated in Thailand, is a leading international institution dedicated to education, research, and capacity building in engineering, technology, and management. Established in 1959, AIT has gained recognition for its multicultural environment and rigorous academic programs that attract students and faculty from around the world.

CONFERENCE VENUE:

The conference will be held at the **Indian Institute of Technology (IIT) Madras**, Chennai, India. The campus is conveniently located at about 14 km from Chennai International Airport and 12 km from Chennai Central Railway Station.

CONFERENCE WEBSITE:

https://iicaqm.in/
Email: iicaqmiitm@gmail.com
Alternate email: iicaqm@wmail.iitm.ac.in

CONFERENCE COORDINATORS:

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Prof. Prashant Kumar, University of Surrey (UK)
Dr. Richard Ball, University of Bath (UK)
Prof. Sotiris Vardoulakis, University of Canberra (Australia)
Prof. Uwe Schlink, UFZ Helmholtz Centre for Environmental Research (Germany)
Dr. Kraichat Tantrakarnapa, Mahidol University (Thailand)
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9th INDIAN INTERNATIONAL CONFERENCE ON AIR QUALITY MANAGEMENT
IICAQM 2024
"Measurement, Modelling, Health Risk and Public Policy"

18th - 20th DECEMBER 2024

IIT MADRAS, INDIA

Jointly Organized by

Indian Institute of Technology Madras (IITM), Chennai, India

University of Surrey (UoS), United Kingdom

University of Bath, United Kingdom

University of Canberra, Australia

UFZ Helmholtz Centre for Environmental Research, Germany

Mahidol University, Thailand

Asian Institute of Technology, Thailand

BACKGROUND

The rapid growth of urban centers, industries, and vehicles has led to severe air quality problems. The World Health Organization (WHO) estimates that urban air pollution in developing countries causes over 2 million deaths annually and numerous respiratory illnesses. A major source of this pollution is road transport, with domestic, commercial, and industrial activities also contributing. Air pollution undergoes various atmospheric transformations and can spread from local to global scales, impacting human health, visibility, building materials, and ecosystems. The effects on health depend on the toxicity of pollutants, exposure time, and exposure pathway, highlighting the need for scientific assessment of the risks posed by toxic air pollutants.

Indian International Conference on Air Quality Management (IICAQM) serves as a very important forum and opportunity for scientists, engineers, educators, and practitioners to exchange the latest advancements in theories, technologies, and applications in the area of air quality management and health impacts. The 1st (IICAQM 2016), 3rd (IICAQM 2018) and 7th (IICAQM 2022) conferences were held at IIT Madras, the 2nd (IICAQM 2017) 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. The 8th (IICAQM 2023) was held at IISc Bangalore. 9th IICAQM 2024 aims to bring together leading academicians, scientists, engineers, and research scholars to exchange and share their experiences and research results related to all aspects of air pollution health and exposure assessment and its management.

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 to interact with experts and partners from administration and industry.
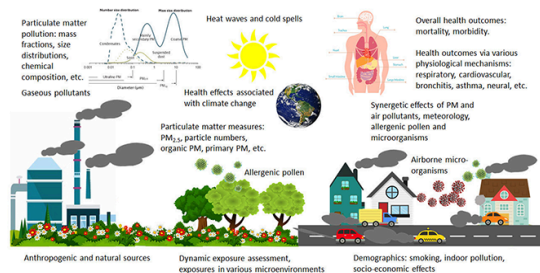
CALL FOR PAPERS

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 to the conference are listed below. Full papers must be submitted by 30th September 2024 through the IICAQM website.
- Air Quality Monitoring and Measuring Techniques
- Air Quality Modelling
- Emission Inventory
- Source Apportionment
- Source-receptor modeling
- 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

REGISTRATION FEE*

Participation Type	Conference Rate		
	Delegates	**Authors**	**Students**
SAARC Countries	**INR 15,000**	**INR 7,500**	****INR 5000 ***INR 7,500**
Other Countries	**EURO 175**	**EURO 175**	**EURO 175**

*Registration fee includes an electronic copy of the IICAQM 2024 proceedings, conference kit, and refreshments. Students must provide a bonafide certificate. Your registration will not be processed without payment.
**INR 5000 for the students who are attending only conference and not presenting paper.
***INR 7500 for the students attending both conference and winter school.

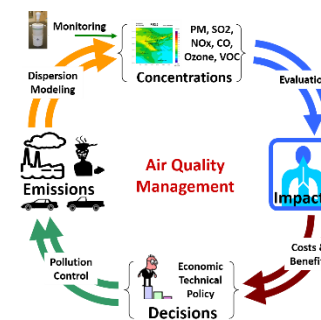**Note**: Accommodation only for students

IMPORTANT DATES

Submission of full-length paper:	30th September 2024
Submission of poster:	05th October 2024
Paper/poster acceptance/revision notification to authors:	30th October 2024
Submission of revised paper/poster along with registration fee:	15th November 2024
Conference dates	18th - 20th December 2024

Registration link: https://code.iitm.ac.in/code-programs/IICAQM2024/