

An International Conference on

SUSTAINABLE URBAN WATER MANAGEMENT FOR FAST GROWING CITIES

Join us to engage in a structured dialogue with delegates from various fields to discuss the current situation, challenges and advancements relating to managing water in urban landscape.

About BITS Pilani-Hyderabad Campus

Established in 2008, BITS Pilani Hyderabad Campus, spread over an area of 200 acres in Jawahar Nagar, Shameerpet Mandal, is graced by natural beauty. The campus is equipped with state-of-the-art infrastructure surrounded by its scenic beauty. It includes spacious laboratories, furnished classrooms, beautiful & sophisticated library, air-conditioned lecture theatres and network infrastructure, coming together to make BITS Pilani Hyderabad a self-contained campus.

About Conference

This is a three-day conference organized in collaboration with the BITS Pilani, Pilani Campus, Aligarh Muslim University (AMU), and Amrita University as part of the Department of Science and Technology (DST) India sponsored project titled, "Structured Dialogue for Sustainable Urban Water Management". Gather with experts and visionaries at our conference, where we'll chart the course for sustainable urban water management in the swiftly evolving landscapes of the Global South's bustling cities.



Call for Papers

THEME 1



Interdisciplinary Approaches in Urban Water Governance

- Innovative Infrastructure Governance: From Planning to Cradle-to-Cradle Implementation
- Water Governance for Fast-Growing Cities: Lessons from Jaipur, Madurai, and Visakhapatnam

THEME 2



Integrated Urban Water Management (IUWM)

- Harnessing Artificial Intelligence and Big Data for Urban Water Solutions
- Assessing Urban Impact and Dynamics
- Digital Transformation in Urban Water Management: Tools, Models, and Decision Support Systems
- Stakeholder Integration in Water Infrastructure Projects

THEME 3



Equity in Water Infrastructure: Socio-Cultural Perspectives

- Socio-Cultural Perspectives on Water Access
- Role of Policies in Addressing Water Challenges
- Community Engagement and Citizen Participation in Water Governance
- Citizen-responsive-technologies and policies: Designing water governance for enhanced citizen participation

THEME 4



Water Quality

- Emerging threats in Water Safety: Antibiotic Resistance Transmission Dynamics Among Bacteria in Water
- Human Health Implications of Cyto/Genotoxicity in Water
- Ecotoxicity and Environmental Impact of Emerging Contaminants in Water Systems.
- Biofilm and its Impact on Water Quality
- Impact of Industrial and Agricultural Activities: A Contribution to Water Pollution



Department of Humanities and Social Sciences,
BITS Pilani, Hyderabad Campus



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Consortia Partners: Prof. Rajiv Gupta, Prof. Abdul Malik, Prof. Suchismita Satpathy, Prof. Biswanath Dash, Prof. B. Soundharajan
Committee Members: Dr. Farhan Khan, Akshay Kumar, Deshbhushan Patil, Srishti Srivastava, Srilekha Ati



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