URBAN INNOVATIONS CONFERENCE
2024

UIC 2024

1st - 3rd March, 2024

Location:
SPA Bhopal Campus

Contact:
uic24@spabhopal.ac.in

www.spabhopal.ac.in/uic24.aspx

Knowledge Partners

NIUA National Institute of Urban Affairs

WRI INDIA

EY

DESIGN INNOVATION CENTRE SPA DELHI — **SPOKE SPA BHOPAL**

Journal Partners

Journal of Environmental & Earth Sciences
Volume 6 · Issue 1 · April 2024 · ISSN 2661-3190(Online)

EAI Endorsed Transactions
Smart Cities
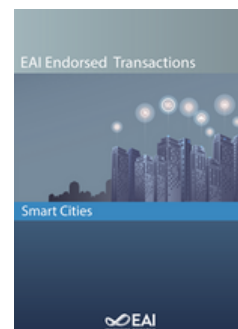
Conference Proceedings as Book Volume forthcoming ...

School of Planning & Architecture Bhopal
Department of Urban & Regional Planning

ABOUT

Urban innovations are the core drivers for promoting the envisaged economic, & social development of cities. They encompass solutions that are scalable, replicable & can be adapted to a variety of urban environments with new technologies.

The Urban Innovation Conference aims to bring together academicians, researchers, practitioners, government, and civic society for collaborating and sharing ideas on cutting edge urban innovation theory and practice to foster knowledge creation.I nnovations include all initiatives by various stakeholders to enhance processes for improving the liveability of urban centres and achieving a just society

THEMATIC DOMAINS

- **Urban Innovation Theories and Practice :** This domain explores social theories on innovation, concepts of infrastructure switch, city on the move, circular economy, linking innovation to practice, Living Labs, role of incubators and accelerators, financing urban innovation.

- **Collaborating for Urban Innovation :** This domain explores concepts of shared systems like co-working, co-living, ride sharing as innovations in urban interactions, social dimensions of shared economy, co-production and co-creation in urban economy innovations in governance and community responses, monitoring change, crowdsourcing of data, real time responses. Sharing of Cases, projects and experiences of diverse stakeholders and product and application developers would be welcome.

- **Data for Urban Innovation :** This domain focuses predominantly on use of data and technology for urban planning, governance, and citizen use. These may include App-based and sensor-based data collection tools, GPS based real time data collection, innovations in geo-spatial technologies, digital open-source datasets, Machine Learning tools, use of third-party GPS data processing apps, geofencing, dynamic data capturing, data visualization and dashboard creation.

SPECIALISED TRACKS

Sub-themes on the following specialised tracks focus on one or more thematic domains elaborated above, and range from:

- **Smart Mobility:** Shared mobility, micro mobility, e-mobility, demand responsive transport, etc.
- **Automation in City Systems:** App development, small scale solution development - smart waste collection, smart energy management, etc.
- **Innovations in geo-spatial technologies**: Dynamic Mapping of land use, land cover changes, technologies for predicting change, image interpretation etc.
- **Innovations in Environmental Practices:** Climate smart practices, smart prediction, and mitigation strategies for disasters & pandemics, flood mapping.
- **Mainstreaming Innovation:** Enabling Data-based Decision-Making for Improving Urban Governance.
- **Innovations to Scalable Solutions:** role of industry, role of regulators, financing innovations, government initiatives.
- **Innovations from Civic Society:** crowd sourcing, citizen responses, citizen participation etc.

PROGRAMME SCHEDULE

DAY 1 | (March 1, 2024)

2:00 pm onwards
Registration

4:30 pm onwards
Inaugural Session
Keynote address
Plenary Session

7:00 pm onwards
Dinner

DAY 2 | (March 2, 2024)

10:00 am - 11:30 pm
Technical Session I

11:30 am - 12:00 pm
Tea Break & Poster Session I

12:00 pm - 1:00 pm
Expert Session / Panel Discussion I

1:00 pm - 2:00 pm
Lunch

2:00 pm - 3:30 pm
Technical Session II

3:30 pm - 4:00 pm
Tea Break & Poster Session II

4:00 pm - 5:30 pm
Expert Session / Panel Discussion II

DAY 3 | (March 3, 2024)

10:00 am - 11:30 pm :
Technical Session III

11:30 pm - 12:00 pm :
Tea Break & Poster Session III

12:00 pm - 1:00 pm :
Expert Session / Panel Discussion III

1:00 pm - 2:00 pm :
Lunch

2:30 pm onwards :
City Tour/ Hands-on Citizen Value Co - creation Session

Stalls & Exhibition throughout the day

TECHNICAL SESSIONS DETAILS

DAY 2 | (March 2, 2024)

TECHNICAL SESSION I : Urban Innovation Theories & Practice

Track 1	Smart Mobility - Theories & Practice
Track 2	Automation in City Systems - Theories & Practice
Track 3	Innovations in geo-spatial technologies - Theories & Practice
Track 4	Innovations to Scalable Solutions - Theories & Practice

TECHNICAL SESSION II : Data for Urban Innovation

Innovations in geo-spatial technologies - Data for Urban Innovation	**Track 1**
Innovations in Environmental Practices - Data for Urban Innovation	**Track 2**
Smart Mobility - Data for Urban Innovation	**Track 3**
Automation in City Systems - Data for Urban Innovation	**Track 4**

DAY 3 | (March 3, 2024)

TECHNICAL SESSION III : Collaborating for Urban Innovation

Track 1	Mainstreaming Innovation - Collaborating for Urban Innovation
Track 2	Innovations to Scalable Solutions - Collaborating for Urban Innovation
Track 3	Innovations in Environmental Practices - Collaborating for Urban Innovation
Track 4	Innovations from Civic Society - Collaborating for Urban Innovation Innovation

EXPERT SPEAKERS

Ramesh Srikonda
Director , School of Planning and Architecture, Vijayawada

Debolina Kundu
Director (AC) NIUA

Sudeshna Chatterjee
Program Director - Sustainable Cities And Transport, WRI

Anshu Sharma
Co-Founder of SEEDS

Vinayak Bharne
Presidential Fellow, USC Marshall School of Business, Los Angeles

Avik Sarkar
Bharti School of Public Policy, ISB

Saket Sarraf
Principal, PS Collective

Ashish Verma
Department of Civil Engineering, IISc Bangalore

Arnab Jana
Centre for Urban Science and Engineering, IIT Bombay

Arindam Biswas
Department of Architecture and Planning, IIT Roorkee

Kshama Gupta
Urban and Regional Studies Department, IIRS Dehradun

Ankit Patel
Centro Algoritimi, University of Minho, Portugal

Shubhajit Sadhukhan
Centre for Transportation Systems, IIT Roorkee
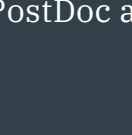
Deepank Verma
PostDoc at SpACE Lab, Institute for Sustainable Urbanism, Germany

*Special Moderated Session by EY *

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REGISTRATION DETAILS & KEY DATES

Registration fee for Foreign Delegates (Online) - **$100**

Registration fee for Indian Delegates - **INR 5000**

Registration fee for non-delegate accompanying person - **INR 2000**

Optional | City tour - INR 1000/- | City Simulation - INR 1500

* Registration fees include entry to Inaugural & Plenary Session,
  Inaugural dinner, Technical Session & Lunch on day 2 and day 3

* Discounted rates applicable for currently enrolled students of SPA Bhopal

Last Date of Abstract Submission: February 1, 2024

Notification of Acceptance : February 7, 2024

Last date of Online Registration: February 28, 2024

Last date of Spot Registration at Venue: March 2, 2024
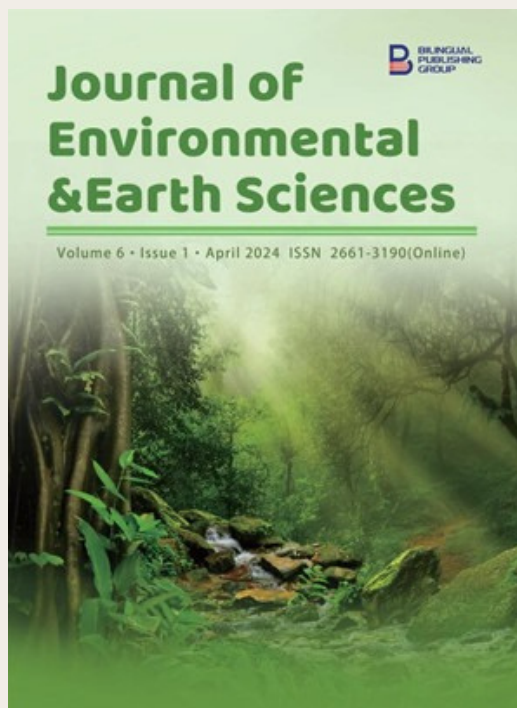
Full paper and Presentation submission: February 28, 2024

Final paper submission for Publication: April 5, 2024

Conference: 1 March – 3 March 2024, SPA Bhopal, India

KEY DATES

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PUBLICATIONS

Journal of Environmental and Earth Sciences

Extended version of selected papers will be recommended for publication in Journal of Environmental and Earth Sciences, a Scopus-indexed journal. **(Special discount can be given by the journal on applicable APC charges to selected papers)**

EAI Endorsed Transactions on Smart Cities

Extended version of selected papers will be recommended for publication in EAI Endorsed Transactions in Smart Cities, an open access, peer-reviewed scholarly journal by European Alliance. **(No APC charges applicable)**

& Conference proceedings Forthcoming ....

COLLABORATION PLANS FOR INDUSTRY PARTNERS

2024

ADDITIONAL SPONSORSHIP PLANS

Gold Plan @ INR 5,00,000 + GST

Benefits:

- Banner display during conference recognizing the sponsor.
- Slot for product demonstration, 15 minutes presentation in relevant session
- 1 exhibition stall (3m*3m) with 1 table, 2 chairs, product display table.
- Large Logo display in Prominent Locations
- Logo share on all platforms and in all publications and brochures of the event
- 3 complimentary registrations
- Brochure distribution in delegate Kit

Silver Plan @ INR 3,00,000 + GST

Benefits:

- Banner display during conference recognizing the sponsor
- Slot for product demonstration presentation of 5 minutes in relevant session
- 1 exhibition stall of 3m*3m stall with 1 table, 2 chairs, product display table
- Logo display in Prominent Locations
- Logo share on all platforms and in all publications and brochures of the event
- 2 complimentary registrations
- Brochure distribution in delegate Kit

Plan A: Exhibition Stall of Industry Partner @ INR 1,00,000

Benefits:

- Space for Logo display
- 1 exhibition stall of 3m*3m stall with 1 table, 2 chairs, product display table

Plan B: Collaborating as a Sponsor with Product Demonstration Presentation @ INR 1,00,000

Benefits:

- Slot for product demonstration presentation of 15 minutes in relevant session
- Logo display on conference venue

Plan C: Combo Plan (Plan A) + (Plan B) @ INR 1,50,000

Benefits:

- Benefits of both Plans A and B for Industry Collaboratory

Plan D: Collaborating as a Sponsor of a Technical Session @ INR 2,00,000

Benefits:

- Banner and Logo display during the session sponsored
- Slot for product demonstration presentation of 15 minutes in relevant session
- 1 Exhibition Stall of 3m*3m stall with 1 table, 2 chairs, product display table.
- Space for Logo display
- Logo share on all platforms and in all publications and brochures of the event
- 2 complimentary registrations
- Brochure distribution in delegate Kit

TECHNICAL COMMITTEE

Dr. Nikhil Ranjan Mandal
Professor, Department of Urban and Regional Planning

Dr. Binayak Choudhury
Professor, Department of Urban and Regional Planning

Dr. Natraj Kranthi
Professor, Department of Urban and Regional Planning

Dr. Kakoli Saha
Assistant Professor, Department of Urban and Regional Planning

Dr. Ashfaque Alam
Assistant Professor, Department of Urban and Regional Planning

CONFERENCE SECRETARIAT

**Conference
Chair**
Dr. Sheuli Mitra
Associate Professor and Head, Department of Urban and
Regional Planning

Organizing Secretaries
Dr. Kshama Puntambekar
Assistant Professor, Department of Urban and Regional
Planning

Dr. Premjeet Das Gupta
Assistant Professor, Department of Urban and Regional
Planning

PARTNERS

The **Design Innovation Centre (DIC)** is a hub for promoting interdisciplinary design-focused innovation and creative problem-solving in the field of urban planning and architecture. It aims to mainstream design-centered innovation in education, research, and practice, and collaborates with industry and other academic institutions to foster knowledge sharing and collaboration.

The **National Institute of Urban Affairs (NIUA)** is a renowned research & training institute dedicated to urban development and management, it has been a pivotal organization in bridging the gap between research and practice in urbanization.

The **World Resources Institute (WRI)** is a global research organization that focuses on addressing urgent environmental and sustainability challenges. WRI has been at the forefront of urban innovation, working towards more equitable and sustainable cities.

Ernst & Young (EY) is a global leader in professional services, offering a wide range of expertise in assurance, tax, transactions, and advisory services. The company provides financial and strategic advice large-scale infrastructure projects, including those related to urban planning and sustainability.

2024