

2024

URBAN INNOVATIONS CONFERENCE 2024

1st - 3rd March,
2024

Location:
SPA Bhopal Campus

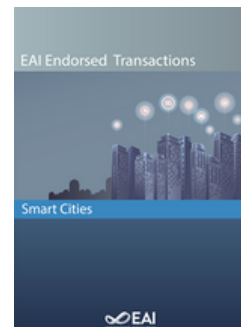
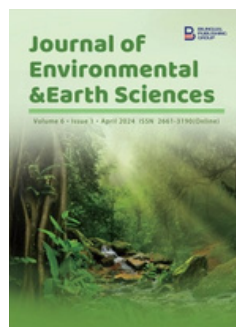


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Knowledge Partners



Journal Partners



Sponsor



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

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. Innovations 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.

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

12:00 pm - 1:30 pm
Expert Session I

1:30 pm - 2:30 pm
Lunch

2:30 pm - 4:00 pm
Expert Session II

4:00 pm - 4:30 pm
Tea Break

4:30 pm - 6:00 pm
Technical Session II

DAY 3 | (March 3, 2024)

10:00 am - 11:00 pm :
Expert Session III

11:00 pm - 12:00 pm :
Tea Break with Poster Presentation

12:00 pm - 1:30 pm :
Technical Session III

1:30 pm - 2:30 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
- Track 2 | Automation in City Systems
- Track 3 | Mainstreaming Innovation
- Track 4 | Innovations to Scalable Solutions
- Track 5 | Smart Mobility

TECHNICAL SESSION II : Data for Urban Innovation

- Innovations in Geo-spatial Technology | Track 1
- Innovations in Environmental Practices | Track 2
- Smart Mobility | Track 3
- Automation in City Systems | Track 4
- Innovations for Governance | Track 5

DAY 3 | (March 3, 2024)

TECHNICAL SESSION III : Collaborating for Urban Innovation

- Track 1 | Mainstreaming Innovation
- Track 2 | Innovations to Scalable Solutions
- Track 3 | Innovations in Environmental Practices
- Track 4 | Innovations from Civic Society
- Track 5 | Innovations from Civic Society

URBAN INNOVATION THEORIES AND PRACTICE

ONLINE

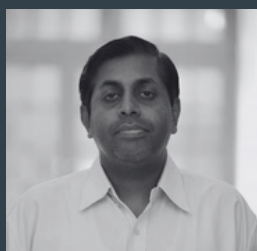


Urban Innovation at Various Scales

Vinayak Bharne
USC School of Architecture, Los Angeles

Beyond NET Zero Co-Optimizing Energy Demand and Supply systems for low carbon development

Saket Sarraf
PS Collective



Understanding Linkages between Sustainable Transport and Quality of Life (QoL)

Ashish Verma
IISc Bangalore

Recent trends and Innovations in Geospatial applications for Urban and Regional Planning

Kshama Gupta
IIRS Dehradun



ONLINE



Gathering Street Details and Streetscape Features with Innovative Approaches

Deepank Verma
SpACE Lab, Institute for Sustainable Urbanism,
Germany

EXPERT SESSION I

DATA FOR URBAN INNOVATIONS



Data for Urban Governance

Debjani Ghosh
NIUA

Urban Mobility Living Lab Initiative

Neetu Joseph
GIZ Urban Mobility Living Lab

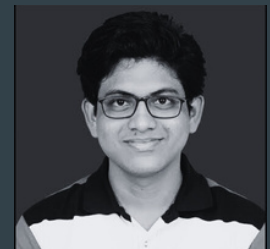


Urban Water Bodies Information System (UWaIS) & Live Demo

Saiveena Suresh
NRSC

Demonstration of Bhuvan & Bhoonidhi

Subham Das
NRSC



ONLINE



Data Innovations for Urban Transport

Avik Sarkar
Bharti School of Public Policy, ISB

EXPERT SESSION II

COLLABORATING FOR URBAN INNOVATION



Innovating on the Interface of People and Technology

Anshu Sharma
Co-Founder of SEEDS

Stakeholder Mapping for Value Co-Creation

Karon Shaiva
Idobro Impact Solution



Strategic Planning for Competitiveness of Economic Clusters

Pavan Ankonapalli
WRI (Urban Development)

Engaging Communities and Local Governments in Decision Making

Sheuli Mitra
SPA Bhopal



Hands-on Session on Citizen Value Co-creation in an Urban Environment

On March 3, 2024 from 2.30 p.m. onwards

The Session will be organized jointly with Idobro Impact Solutions, with Karon Shaiva, Chief Impact Officer & Managing Director of Idobro Impact Solutions leading the Session

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/-

| Hands-on Citizen Value Co-creation Session - INR 1000/-

* 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

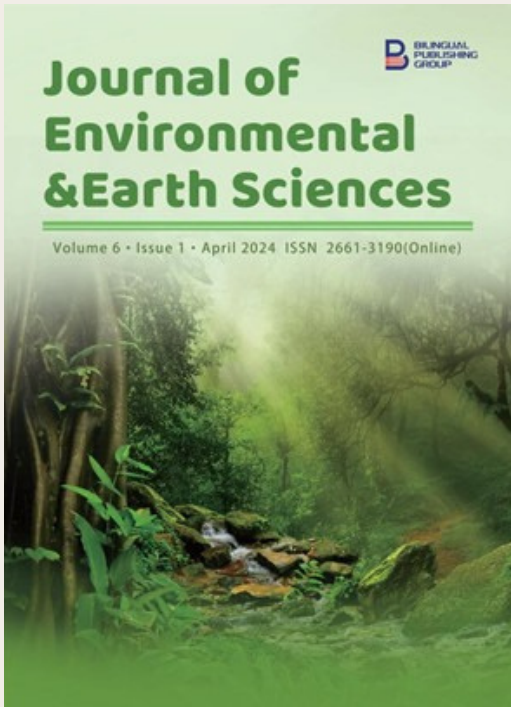
Full paper and Presentation submission: February 28, 2024

Final paper submission for Publication: April 5, 2024

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

KEY DATES

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

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

Dr. Ashish Verma

Department of Civil Engineering, IISc Bangalore

Dr. Saket Sarraf

Principal, PS Collective

Dr. Saiveena Suresh

NRSC

Dr. Kshama Gupta

Urban and Regional Studies Department, IIRS Dehradun

Dr. Arnab Jana

Centre for Urban Science and Engineering, IIT Bombay

Dr. Arindam Biswas

Department of Architecture and Planning, IIT Roorkee

Dr. Shubhajit Sadhukhan

Centre for Transportation Systems, IIT Roorkee

Dr. Neetu Joseph (GIZ)

GIZ Urban Mobility Living Lab

Dr. Ankur Rastogi

School of Management, Avantika University

Dr. Pushpdant Jain

School of Mechanical Engineering, VIT Bhopal

Dr. Kushal Shah

SITARE University

Dr. Ankit Patel

Centro Algoritmi, University of Minho, Portugal

Dr. Karon Shaiva

Idobro impact solution

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

PATRON

Professor (Dr.) Kailasa Rao M

Director, SPA Bhopal

PARTNERS



The **Design Innovation Centre (DIC)** at **SPA Bhopal** is a hub for promoting interdisciplinary design-focused innovation and creative problem-solving in the field of urban planning and architecture. It is a spoke of SPA New Delhi DIC. It aims to mainstream design-centered innovation in education, research, and practice.

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)** 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 providing financial and strategic advice large-scale infrastructure projects, including those related to urban planning and sustainability.



The **GIZ Green Urban Mobility Innovation** is a developPPP collaboration between Bosch Ltd. India and GIZ India. An open platform (Living Lab) in India is bringing together public and private parties to promote innovation, collaboration and prototyping of green urban-mobility solutions

The **Indian Society of Remote Sensing (ISRS)** is a professional body established in 1969 with the primary goal of advancing and disseminating knowledge in the planning and management of natural resources and the environment.





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