

The Conference focuses on advancing sustainable urban development theories and practices that integrate environmental stewardship, social equity, and economic resilience. Through keynote addresses, technical sessions, and panel discussions, the event encourages cross-disciplinary dialogue and collaboration to address pressing urban challenges.

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About the Institution

National Institute of Technology Rourkela is one of the premier national level institutions for technical education in the country and is funded by Government of India. NIT Rourkela has a rich legacy of more than sixty dedicated years of service to the nation and is the pride of Odisha. The main objective of the Institute is to produce quality Engineers, and Scientists at Graduate and Post-Graduate levels in various branches of Engineering, Science and social science. Excellence in teaching and high-quality research are the pillars on which the Institute is built. Today, NIT Rourkela is a highly prestigious institute with a reputation for excellence in research, consultancy and education at undergraduate, postgraduate and doctoral levels. It is passionately committed to making our country a world leader in technology and science and to inculcate this commitment among all its students.

About the Conference

The International Conference on Sustainable Urban Development serves as a global platform for researchers, policymakers, urban planners, academicians, and industry professionals to exchange knowledge and innovations shaping the future of sustainable cities.

International Conference on

Sustainable Urban Development

NIT, Rourkela



Organized by
National Institute of Technology

Rourkela, Odisha, India

Knowledge Partner:
Delhi School of Economics,
University of Delhi

Participants

This conference is open to all civil engineering, architecture, planning, humanities & social science and earth and atmospheric science or related disciplines that include faculty members from academia and research institutes/universities/colleges, industry professionals, and students.

Important Dates

Opening of extended abstract submission	15 Jan 2026
Deadline of extended abstract submission	15 March 2026
Acceptance of extended abstract	15 April 2026
Opening of registration	01 May 2026
Last date of registration	01 June 2026
Conference	7 th -9 th July 2026

Call for Paper Submission

Academics, Researchers and Practicing Professionals are invited to submit extended abstract on the themes and related topics. Please visit conference website for more details

at

<https://icsud2026.nitrkl.ac.in/>.

Contact us

Email: icsud2026@nitrkl.ac.in

Website: <https://icsud2026.nitrkl.ac.in/>

National Institute of Technology
Rourkela, Odisha, India

Registration Fees

Mode of participation	Offline	Online
Students	₹ 4,000	₹ 2,500
Academic/Research Professionals	₹ 8,000	₹ 5,000
Industry Professionals	₹ 10,000	₹ 6,000
Foreign Participants	\$ 200	\$ 125

The registration fees (Offline mode) include Conference Kit, Refreshments, Working lunch and Gala Dinner during the conference and do not include lodging and boarding. The registration fee includes GST.

Publications

The Organising Committee is in contact with possible publishers for book chapters, conference proceedings, or Journal Special Issue. Updates will be shared soon.

Keynote Speakers

Eminent academicians from IISc/IITs /NITs/foreign Universities and field professionals from reputed organizations will deliver keynote and invited lectures.

Accommodation

A limited number of rooms are available in the Institute Guest House on a sharing basis. Besides, some good hotels are available in the city, which can be booked in advance under prior confirmation/intimation.

Themes of the Conference

The conference will cover, but not be limited to, the following themes:

1. Urban Governance and Social Sustainability

- ❖ Participatory planning, urban governance, and institutional frameworks
- ❖ Inclusive development, social equity, and justice in cities
- ❖ Migration, urban livelihoods, employment, and informal economies
- ❖ Gender-responsive, age-inclusive development and social infrastructure
- ❖ Affordable housing, slum upgrading, and informal settlements

2. Sustainable Urban Planning, Design, and Built Environment

- ❖ Inclusive, compact, and sustainable urban planning approaches
- ❖ Land use, spatial planning, zoning, and growth management
- ❖ Green urban design, nature-based solutions, and public open spaces
- ❖ Renewable and green energy

3. Sustainable Urban Mobility and Transportation Systems

- ❖ Sustainable and climate-resilient transport infrastructure
- ❖ Public transport planning and multimodal mobility integration
- ❖ Mode of transport, walkability, and cycling networks
- ❖ Intelligent transport systems and low-carbon urban mobility

4. Urban Water, Environment, and Public Health

- ❖ Urban climate vulnerability, adaptation, and resilience strategies
- ❖ Integrated urban water management, ground water hydrology and water security
- ❖ Urban flooding, stormwater drainage, and flood risk management
- ❖ Waste management, pollution control, and public health protection

5. Urban Climate, Earth Systems, and Disaster Risk Science

- ❖ Urban weather, urban heat island, climate change, and extreme events
- ❖ Coastal processes, sea level rise, and shoreline dynamics
- ❖ Hydro-meteorological modelling and climate projections
- ❖ Disaster risk assessment, hazard mapping, and early warning

6. Resilient Urban Infrastructure and Geotechnical Systems

- ❖ Sustainable geotechnics for resilient urban infrastructure
- ❖ Ground improvement, soil stabilization, and foundation engineering
- ❖ Slope stability, excavations, and earth-retaining structures
- ❖ Earthquake-resistant and climate-resilient infrastructure design
- ❖ Resilient urban road infrastructure

7. Smart, Digital, and Data-driven Sustainable Cities

- ❖ AI, GIS, and IoT-based data-driven urban management
- ❖ Integrated smart systems for water, energy, and transport
- ❖ Real-time monitoring and decision-support for sustainable cities