

About NERIST

NERIST is an autonomous institute under the Ministry of Education, Govt. of India. It was established in 1984 to produce technical manpower at various levels and to meet the technical requirements for the all round development of the North Eastern States of India. NERIST got the status of Deemed-to-be-University on 31st May 2005 under section 3 of the UGC Act 1956. It offers modular pattern of education in all disciplines of Engineering along with Forestry as an applied science discipline. It also offers various postgraduate (M.Tech, M.B.A & M.Sc.) and doctoral programmes in all branches of engineering, sciences, and humanities. Recently, National Board of Accreditation (NBA) has provisionally accredited five of the undergraduate engineering programmes of NERIST (including Civil Engineering). It is located at Nirjuli, in the state of Arunachal Pradesh, the land of rising SUN and the Orchid state of India.

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Call for Papers

CAMSSC 2024 invites submissions of high-quality, unpublished research papers on the following topics, but is not limited to:

Track 1 (Application of AI in Smart Cities): Application of AI in parking issues, efficient traffic and transport management, road safety, disposing and managing solid waste, making cities and communities safer, utilities and metering solutions, agricultural industry, and smart and green structure.

Track 2 (Materials for Sustainable Development): Building & pavement materials, smart materials for construction industry, bio & magnetic materials, circular economy and smart materials.

Track 3 (Smart Mobility and Traffic Management): Urban transport planning, transportation network, traffic flow simulation and modeling, road geometry, road safety, ADAS for LMICs, parking management, traffic signals, Pavement design, pavement characteristics and life.

Track 4 (Soil Improvement for Sustainable Development): Soil stabilization techniques, soil remediation, geosynthetics and reinforced soil, soil erosion control, soil management for infrastructure projects, innovative soil improvement techniques

Track 5 (Sustainable Management of Water, Environment and Climate Change): Modeling hydrological processes under climate change, impact of climate change on hydrologic design, sustainable development of river eco system, resilient water infrastructure, groundwater and surface water; aquifer recharge and storage; agricultural and climatic impacts, global warming, greenhouse effect, climate crisis, environmental change, clean energy, renewable energy, green energy, low carbon or carbon neutral, carbon offsetting, environmental protection, pollution or contamination.

Track 6 (Modeling Sustainable Structure and Disaster Management): Structural analysis, design for sustainability, resilient infrastructure planning, multi-hazard risk assessment, performance-based design, decision support systems for disaster management, advanced structural modeling and simulation, post-disaster reconstruction and recovery,

International Conference

on

Computer-aided Modeling for the Sustainable Development of Smart Cities (CAMSSC 2024)

November 27-30, 2024



Organized by

**Department of Civil Engineering
North Eastern Regional Institute of
Science & Technology,
Nirjuli, Arunachal Pradesh, India**

About CAMSSC 2024

CAMSSC 2024 is an attempt in the direction to provide a forum uniting academicians/ researchers/ scientists/ practicing engineers/ industry professionals from around the world to share their research findings and ideas for the sustainable development of smart cities. This is an opportunity for the researchers to understand cities problems, and share their expertise knowledge to mitigate those problems in the direction to the sustainable development of smart cities. This conference will serve as a platform to explore the opportunities of collaboration with national and international organizations of repute to the research community. This conference will give a space to share multi-disciplinary thought to work for the development of the cities and societies as a whole.

The CAMSSC 2024 conference papers are proposed to be published in the Scopus indexed journals.

Journal Publication

Selected carefully written manuscripts featuring unpublished, original research within the scope of the following journals will be recommended for publication:

1. International Journal of Geosynthetics and Ground Engineering
2. East African Journal of Science, Technology and Innovation (Special Publication)
3. SSRG International Journal of Civil Engineering

Registration Fees

Delegate Category	Indian Authors	International Authors
Academician	INR 10,000	USD 250
Industry Personnel	INR 12,000	USD 300
Student	INR 5,000	USD 200

Technical Committee

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- Prof. Hemanta Doloi, **The University of Melbourne, Australia**
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- Prof. Pijush Samui, **NIT Patna, India**
- Prof. Rajesh Gupta, **VNIT Nagpur, India**

Important Dates:

Manuscript submission deadline:
September 30, 2024

Notification of acceptance:
October 31, 2024

Revised & camera ready copy (CRC) submission:
November 15, 2024

Registration:
November 01-15, 2024

Website:
<https://www.camssc.com/>

Submission:
<https://cmt3.research.microsoft.com/CAMSSC2024>

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