

Organizing Committee

- Dr. Kamal Bansal, Dean, SoE, UPES
- Dr. Manish Prateek, Dean, SoCS, UPES
- Dr. Neeraj Mahindroo, Dean, SOHS, UPES
- Dr. Geetha Heggde, Dean, SOB, UPES
- Ms. Manisha Mohan, Dean, SOD, UPES
- Mr. Arun Dhand, Director, Government Relations & Media Affairs, UPES
- Dr. Pankaj Kumar Sharma, Associate Dean-Planning & Monitoring, SoE, UPES
- Dr. Jitendra Kumar Pandey, Associate Dean, R&D, SoE, UPES
- Dr. Nihal Anwar Siddiqui, Program Director, HSE & Civil, UPES Faculty and Staff of HSE & Civil, UPES

International Technical Panel

Representatives from Academia

1. Prof. V. P. Singh, Distinguished and Regents Professor, Caroline & William N. Lehrer Distinguished Chair in Water Engineering, Texas A&M University, College Station, Texas, USA
2. Prof. S. K. Ghosh, Professor & Head, Department of Civil Engineering, IIT Roorkee
3. Prof. C. S. P. Ojha, Professor, Department of Civil Engineering, IIT Roorkee
4. Prof. M. Parida, Professor & Deputy Director, Department of Civil Engineering, IIT Roorkee
5. Prof. Ajay Gairola, Professor, Department of Civil Engineering, IIT Roorkee
6. Prof. S. C. Handa, Retired Professor, IIT Roorkee
7. Prof. Shepard Ndlovu, University of Central Lancashire, United Kingdom (UK)
8. Prof. Sumeet S. Aphale, University of Aberdeen, United Kingdom (UK)
9. Prof. Zongzhi Li, Professor, Department of Civil Engineering, Illinois Institute of Technology, Chicago, USA
10. Prof. D. Rashtchian, Sharif University of Technology, Iran
11. Prof. F. I. Khan, Memorial University, Newfoundland, Canada
12. Dr. Rajiv Pandey, Senior Scientist, Forest Research Institute, Dehradun
13. Dr. Vikram Garaniya, University of Tasmania, Australia
14. Dr. Vikas Garg, Department of Civil Engineering, Central University of Haryana
15. Dr. Bei Zhou, Chang'an University, School of Highway, China
16. Dr. Yi Liu, Wuhan University of Technology, China
17. Dr. Siyuan Gong, School of Information Engineering, Chang'an University, China
18. Dr. Pegah Farshadmanesh, University of Illinois at Urbana Champaign
19. Dr. P. Sojan Lal, ADCO, Abu Dhabi, United Arab Emirates (UAE)
20. Dr. Risza Rusli, University Technology PETRONAS, Malaysia

21. Dr. Rouzbeh Abbasi, Macquarie University, Australia
22. Dr. Salim Ahmed, Memorial University, Canada
23. Prof. Vijay Raj, UPES, Dehradun
24. Dr. Harshingar Patel, UPES, Dehradun

Government Advisory Board

1. Mr. Rajiv Malhotra, Ex officio, Chief Regional Planner, National Capital Region Planning Board
2. Dr. Ashish Kumar Srivastava, CEO, Dehradun Smart City Limited & Vice Chairman, MDDA
3. Mr. Jitendra Tyagi, MD & CEO, Uttarakhand Metro Rail Corporation
4. Mr. Rajendra Goyal, Chief Engineer, PWD, Dehradun
5. Mr. Ravi Panday, Urban Development Department, Uttarakhand
6. Mr. Sanjay Raj, Executive Engineering, MDMA
7. Mr. ManojKesarvani, Executive Chief, UJVNL
8. Ms. Erica Poff, Government Affairs and Outreach Manager, Board of Certified Safety Professionals (USA)

Industry Collaborators

1. Mr. Amarpal Singh, Design Head, Infrastructure Vertical, L&T
2. Mr. Lovneek Jhandu, Quality Head (Highways), GMR
3. Mr. Rajaneesh Rai, ADGM (Geostructure Vertical), L&T
4. Mr. Raj Singh, Vice-President Projects, India Bull Real Estate
5. Mr. Kuldeep Rathi, Head Operations, Tata Projects Limited
6. Ms. Sumana Biswas, Senior Manager, Nippon Koei India Pvt. Ltd.
7. Mr. Nivesh Chaudhary, Co-founder, Director, ASCELA
8. Mr. Sulabh Goel, Vice President, Transaction Advisory Services, Ernst & Young LLP, New Delhi
9. Dr. Mohammad Neishapouri, (Transportation Engineer), David Mason Associates (USA)
10. Mr. Vikram Raina, P.E (Structural Engineer), Jacobs Engineering (USA)
11. Mr. Sanjay Singh Sisodiya, Regional Head Technical Services, UltraTech Cement

Registration Fee: Participants from India

	Early Registration (INR)	Late Registration (INR)
Conference Presentation		
Faculty	3000	3500
Research Scholar & Students	2000	2500
Industry & Other Delegates	5000	6000

Participants from Outside India

	Early Registration (USD)	Late Registration (USD)
Conference Presentation		
Faculty	60	80
Research Scholar & Students	40	50
Industry & Other Delegates	150	200

PAYMENT DETAILS

The registration can be done by submitting the Bank Demand Draft in favor of SIDIA payable at Dehradun. DD should be sent to the Conference Convenor and an email of the DD scan copy to sidiaupes2020@gmail.com.

For Indian Participants NEFT/RTGS

Beneficiary Name : SIDIA
Account Number : 9595877777791
IFSC number : YESB0000115
Bank name : YES Bank Rajpur Road Dehradun

Please note: No IMPS is allowed in this account.

The registration can be done by submitting the Bank Demand Draft in favor of University of Petroleum and Energy Studies payable at Dehradun. DD should be sent to the Conference Convenor and an email of the DD scan copy to sidiaupes2020@gmail.com.

For Foreign Participants

Beneficiary's Name : University of Petroleum and Energy Studies
Purpose : SIDIA
Bank Name : Yes Bank
Bank Account : SB - 011594600000224
Swift Code : YESBINBB

Please note: No IMPS is allowed in this account

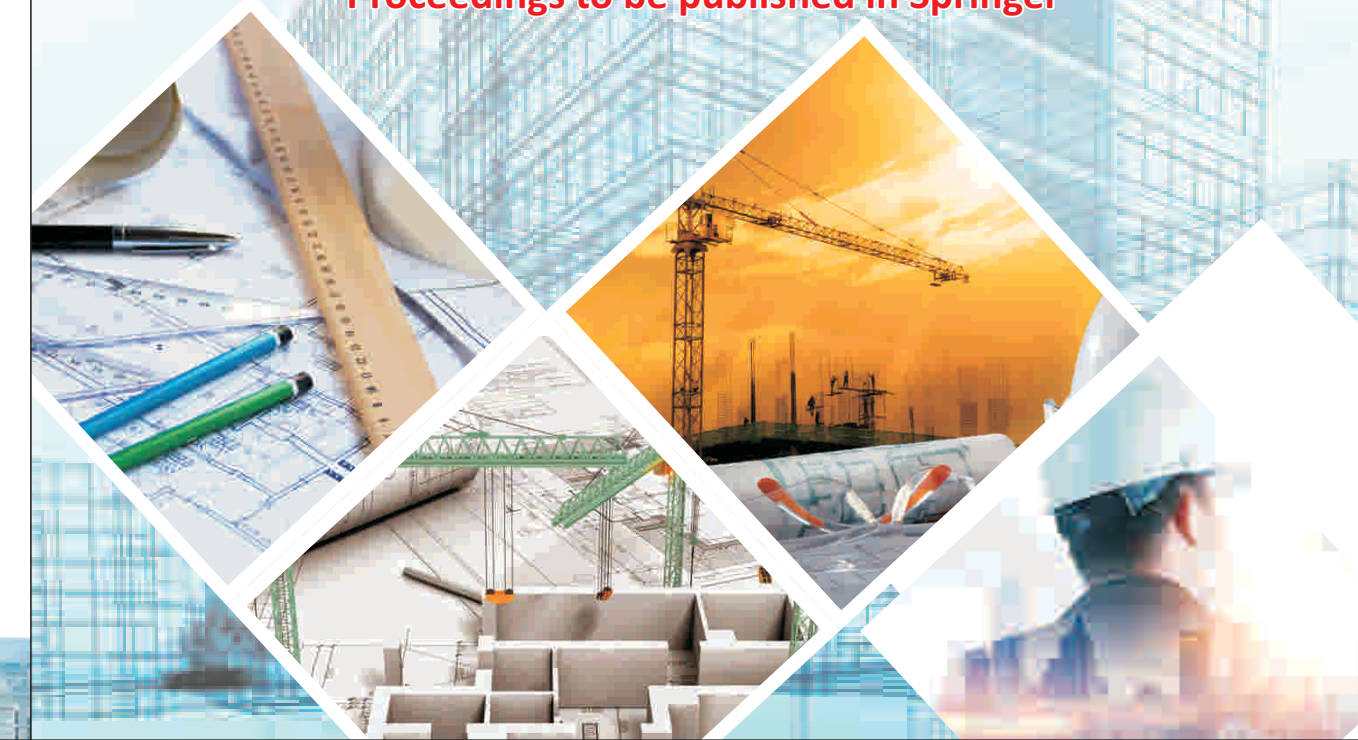


INTERNATIONAL CONFERENCE ON "SUSTAINABLE INFRASTRUCTURE DEVELOPMENT: INNOVATIONS AND ADVANCES" (SIDIA 2020)

17th - 18th April 2020

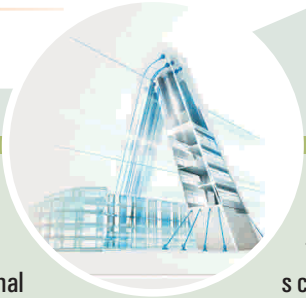
UPES, Bidholi, Dehradun

Proceedings to be published in Springer



International Conference on “Sustainable Infrastructure Development: Innovations and Advances” (SIDIA 2020) With “Technical Support from Indian Institute of Technology, Roorkee” Publication of Proceedings by Springer

Venue: University of Petroleum and Energy Studies (UPES), Dehradun, INDIA



Infrastructure development is the backbone for the socio-economic growth of any region, but it ensues the burning issue of environmental impacts in today’s times. The technological advancements in the fields of civil engineering, computer and computational electronics and electrical engineering, telecommunications, mechanical and automotive industries; and their inter-disciplinary impacts facilitate in the design of innovative concepts to increase the system efficiency for sustainable growth. Automation in construction, development of smart cities to address the urban population’s demands in the context of globalization, driverless cars, environment friendly travel modes, alternative fuel technologies, increasing use of drones, faster mass transit options, are few of the issues which require immediate assessment to formulate new regulations and policies to ensure efficient and optimal system performance. There is an urgent and growing demand of civil engineers who are armed with these inter-disciplinary technical capabilities to provide solutions to these critical issues. This warrants a need for adapting to the industry requirements not only at the regional level, but also at a global level for optimum impact and performance. The two-day international conference offers a forum of academicians, researchers, industry personnel, and government officials, who will collectively address these issues by presenting and discussing the new methodologies adopted and research being conducted. The topics of innovations and advances for sustainable infrastructure development in civil engineering will be explored in this conference by the various stakeholders for the sustainable growth of civil engineering profession.

University of Petroleum and Energy Studies, Dehradun, INDIA
UPES is Asia’s first core sector university established under UPES Act 2003 of the state legislature of Uttarakhand. It is the major player among the National Universities with over 13,000 students and 500 faculty, drawn from premier institutes, Indian and International. Born out of a unique vision, UPES aims to provide domain specific, industry-ready and specialized talent in the areas of engineering, management, law, design and health sciences at the graduate and postgraduate levels. The department of Civil Engineering was established in 2009, and has been continually growing since, having B. Tech (Civil) and M. Tech (Structures). In alignment with the vision of UPES, the department holds MoU with industry leaders such as L&T and with international academic institutes.

Conference Topics:
The interest of the conference include, but are not limited, to the following topics;



Technical Sessions and Sub Themes

Planning, Design & Construction	Policy & Practices	Transportation Engineering & Management	Environment Engineering & Management	Geotechnical & Water Resource Engineering	Disaster Preparedness
<ul style="list-style-type: none">Advance trends in project Planning and managementOptimally integrated computer-Aided city planning and designSustainable and cost-effective design and construction of Infrastructure in hilly and other terrainModern techniques and Automation in Construction IndustryApplication of Remote sensing and GIS for sustainable land use planning	<ul style="list-style-type: none">Policy implementation case studies for sustainable progressRevision of codal provisions to incorporate technological growthInnovative Contract provisions for operations and maintenance of Public infrastructurePolicy formulation for controlled growth in urban environmentPolicies addressing innovative developments viz. driverless cars	<ul style="list-style-type: none">Advances in highway design and construction techniques for hilly and other terrainIntegration of Public Transport Modes for attracting optimal ridershipApplication of ITS for data collection and integration for efficient traffic managementPerformance-based sustainable asset management transportation systemsInnovative Travel demand management strategies in urban context	<ul style="list-style-type: none">Environmental impacts assessment for construction projects in hilly and other regionNatural resource conservation and management vis-à-vis urban growthAdvances in ecological studies of megaprojectsAdvances in green construction & smart/green buildingsEnvironmental Pollution Management using Remote Sensing & GIS	<ul style="list-style-type: none">Innovations in geotechnical engineering for hilly and other terrainUtilizing artificial intelligence for design and performance efficiencyImpact of land use pattern on water shed managementInnovative outreach programs for water conservation efforts in rural and urban regionsNew data analytics for Drought prediction and surface hydrology for water resource management	<ul style="list-style-type: none">Innovative strategies for disaster preparedness of a regionInnovations in Emergency evacuation and outreach methodologiesDisaster preparedness for smart cities using artificial intelligence and technological advancementsDisaster Risk governance and zonation methodsInfrastructure management with reference to cloudbursts and landslides in Himalayan region

Important dates for SIDIA 2020:

Paper submission starts/ Registration with early bird discount starts	February 01, 2020
Deadline for paper submission	March 01, 2020
Deadline for review comments	March 15, 2020
Deadline for submission of revised full paper	March 25, 2020
Deadline for accommodation booking	March 30, 2020
Conference dates	April 17-18, 2020

Please refer <https://easychair.org/cfp/SIDIA2020> for further details.
Please contact us at sidiaupes2020@gmail.com for any queries.

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