

Indo-Canadian Workshop on Interactive Design in Geotechnical Engineering: Theory to Practice (Online)

Date: 24 Sept -1 Oct, 2020

Organisers:

From India



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From Canada

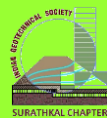


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Organised by:



National Institute of Technology
Karnataka (NITK), Surathkal, India



Indian Geotechnical Society (IGS),
Surathkal Chapter, India



Indian Institute of Technology (IIT)
Kanpur, India





TC 206 of ISSMGE
(Interactive Geotechnical Design)



uOttawa

University of Ottawa
Ottawa, ON K1N 6N5, Canada

Date	Expert Lecture and Distinguished Speaker	
	Time: 5.00-6.00 pm IST (7.30 -8.30 am EDT)	Time: 6.00-7.00 pm IST (8.30 -9.30 am EDT)
24 th Sept, Thursday	 <p>Dr. TG Sitharam Professor and Director, IIT Guwahati Professor, IISc Bangalore President, Indian Society of Earthquake Technology (ISET) Editors-in-Chief, International Journal of Geotechnical Earthquake Engineering Professional Home Page</p> <p>Topic: <i>Interactive Design of Foundations on Highly Jointed Rock Slopes on the Abutments of the World's Highest Railway Bridge across the Chenab River in Jammu and Kashmir State, India</i></p>	 <p>Dr. Richard J. Bathurst Professor & Research Director, Royal Military College of Canada, Canada Editor, Geosynthetics International Associate Editor, International Journal of Geomechanics (ASCE) Former President, International Geosynthetics Society Professional Home Page</p> <p>Topic: <i>Developments in MSE Wall Research and Design</i></p>

Date	Time: 5.00-6.00 pm IST (7.30 -8.30 am EDT)	Time: 6.00-7.00 pm IST (8.30 -9.30 am EDT)
25 th Sept, Friday	 <p>Dr. GLS Babu Professor, IISc Bangalore President, Indian Geotechnical Society Chair, ISSMGE TC-302 (Forensic Geotechnical Engg.) Associate Editor, Journal of Hazardous, Toxic, and Radioactive Waste (ASCE) Professional Home Page</p> <p>Topic: <i>Forensic Geotechnical Engineering: Issues and challenges</i></p>	 <p>Dr. Sai Vanapalli Prof. University of Ottawa, Canada Guest Editor, Special issues on Unsaturated Soils for Geotechnical and Geological Engineering Journal Professional Home Page</p> <p>Title: <i>Overview of Expansive Soils: 1-D Heave and Slope Stability</i></p>
26 th Sept, Saturday	 <p>Dr. KS Rao Professor, IIT Delhi Former President, Indian Geotechnical Society Former President, Indian Society of Engg Geology Professional Home Page</p> <p>Topic: <i>Impact and Blast Loads on Shallow Tunnels</i></p>	 <p>Dr. Dipanjan Basu Associate Professor, University of Waterloo Professional Home Page</p> <p>Topic: <i>A Design Perspective on Offshore Monopile Foundations based on Soil Structure Interaction</i></p>
27 th Sept, Sunday	 <p>Dr. G Madhavi Latha Professor, IISc Bangalore Editor-in-Chief, Indian Geotechnical Journal Professional Home Page</p> <p>Topic: <i>Taming Himalayan Slopes Using Rock Engineering Principles</i></p>	 <p>Dr. Siva Sivathayalan Professor, Carleton University, Canada Director, Joint Ottawa-Carleton Institute for Civil Engg. Professional Home Page</p> <p>Topic: <i>Liquefaction Susceptibility & Post-liquefaction Response: Research and Design Practice</i></p>
28 th Sept, Monday	 <p>Dr. Chandan Ghosh Professor and Dean (SW), IIT Jammu Professional Home Page</p> <p>Topic: <i>Design vs. Destructions in Hill slopes - Exploring to Solutions Beyond Theory</i></p>	 <p>Dr. Ioan Nistor Professor, University of Ottawa Associate Editor, Journal of Waterways, Ports, Coastal and Ocean Engineering (ASCE) Professional Home Page</p> <p>Topic: <i>Geotechnical Impacts of Tsunamis – Engineering Design Lessons from Forensic Engineering Field Surveys and Experimental Modelling</i></p>

Date	Time: 5.00-6.00 pm IST (7.30 -8.30 am EDT)	Time: 6.00-7.00pm IST (8.30 -9.30 am EDT)
29 th Sept, Tuesday	 <p>Dr. Rajesh Sathiyamoorthy Associate Professor, IIT Kanpur Professional Home Page</p> <p><i>Topic: Developments in the Analysis and Design of Geosynthetic Encased Stone Columns Supported Embankment over Soft Clay</i></p>	 <p>Dr. Won Taek Oh Assistant Professor, University of New Brunswick, Canada Professional Home Page</p> <p><i>Topic: Stability of Unsupported Vertical Cuts in Unsaturated Soil</i></p>
30 th Sept, Wednesday	 <p>Dr. R. Shivashankar Professor, National Institute of Technology Karnataka (NITK) Surathkal, India Professional Home Page</p> <p><i>Topic: Geotechnical Practices in Coastal Karnataka, India</i></p>	 <p>Dr. RG Robinson Professor, IIT Madras Professional Home Page</p> <p><i>Topic: Soil Parameters and Mode of Test</i></p>
01 st Oct, Thursday	 <p>Dr. DN Singh Professor, IIT Bombay Editor-in-Chief, Environmental Geotechnics (Journal) Fellow, Indian National Academy of Engineering (INAE), New Delhi Fellow, American Society of Civil Engineers (ASCE) Professional Home Page</p> <p><i>*Topic: Geo-environmental Engineering Research and Practice: Future Perspectives</i></p>	 <p>Dr. Paul Simms Professor, Carleton University, Canada Professional Home Page</p> <p><i>Topic: Geotechnical and Geo-environmental issues in Tailings Management</i></p>

**Interactive Session*

- **Registration and participation - free.**
- **Prior registration is mandatory for attending the workshop.**
- **Registration weblink: [Register Here](#)**
- **Meeting mode and detail will be sent by email.**
- **E-certificates** can be issued based on attendance. In the case of large number of registrations, shortlisted people will be allowed to attend the event. For any query, kindly contact: babloomit@gmail.com