

1st Geotech Asia International Conference 2025, Goa

TAJ CIDADE DE GOA HORIZON, GOA

	7-10 October 2025
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From	To	DAY 0 - 06.10.2025 MONDAY							
9:00 AM	5:00 PM	Board Meeting of Federation of International Geo-Engineering Societies (FedIGS) Venue: Taj Cidade de Goa Horizon							
10:00 AM	5:00 PM	Portugal - Brazil - India Joint Pre-conference Workshop Geotechnics in Civil Infrastructure Venue: The International Centre Goa							
10:00 AM	5:00 PM	Indo-US Joint Pre-conference Workshop Venue: The International Centre Goa							
10:00 AM	5:00 PM	Pre-conference Workshop on Risk Assessment and Machine learning Venue: Taj Cidade de Goa Horizon							
10:00 AM	5:00 PM	TC 302 Pre-Conference Workshop on Forensic Geotechnical Engineering Venue: Taj Cidade de Goa Horizon							
3:00 PM	9:00 PM	REGISTRATION							
		DAY 01 - 07.10.2025 TUESDAY							
8:00 AM	5:00 PM	REGISTRATION							
10:30 AM	5:30 PM	EXHIBITION							
8:30 AM	8:40 AM	PRELUDE							
8:40 AM	9:40 AM	OPENING CEREMONY							
9:40 AM	10:20 AM	Distinguished Keynote Lecture 1 - Dr. Marc Ballouz, President ISSMGE Topic: Geotechnical philosophies and challenges in laterally loaded piles							
10:20 AM	11:00 AM	Distinguished Keynote Lecture 2 - Prof. Lee Fook Hou, Emeritus Professor, National University of Singapore, Singapore Topic : Recent Developments in Quality Assessment and Control in Deep Mixing and Jet Grouting and their Engineering Implications.							
11:00 AM	11:40 AM	EXHIBITION INAUGURATION & TEA/ COFFEE BREAK							
11:40 AM	12:10 PM	Keynote Speaker 3 - Prof. T.G Sitharam, Chairman, AICTE Topic : Engineering the Impossible: Foundation Design Innovation and Slope Stabilization Beneath the Chenab Bridge							
12:10 PM	12:30 PM	Title Sponsors slot (10 minute each)							
12:30 PM	1:00 PM	Keynote Lecture 4 - Prof. Chungsik Yoo, President FedIGS Topic : Smart Geotechnology and AI-Driven Geotechnical Design: Progress, Challenges and Future Directions							
1:00 PM	2:00 PM	LUNCH BREAK							
		Parallel Sessions							
		Assembleia 1	Assembleia 2	Assembleia 3	South 1	South 2	West 1	West 2	All Day All Night
2:00 PM	4:00 PM	Topics: Foundations and Deep Excavation	Topics: Earthquake and Soil Dynamics	Topics: Practice, Risk and Education	Topic: Geosynthetic Engineering	Topics: Slope Stability and Landslides	Topics: Ground Improvement and Stabilisation	Topics: Rock Mechanics and Tunnelling Engineering	Topics: Cold, Coastal and Environmental Geotechnical Engineering
4:00 PM	4:30 PM	TEA/ COFFEE BREAK							
4:30 PM	5:00 PM	Keynote Lecture 5 - Prof. Keh Jian Shou, ISSMGE Vice President Asia Topic : Advances of Trenchless Technology for Infrastructures							
5:00 PM	5:30 PM	Keynote Lecture 6 - Prof. Rolf Katzenbach, IK & Technical University of Darmstadt Topic : The History and the geotechnical Basis of the Combined Pile-Raft Foundation (CPRF)							
5:30 PM	6:15 PM	PANEL DISCUSSION- FedIGS Geo-disaster Mitigation in the face of Climate Change							
7:00 PM	8:00 PM	WELCOME RECEPTION							
		DAY 02 - 08.10.2025 WEDNESDAY							
8:00 AM	5:00 PM	REGISTRATION							
10:00 AM	5:30 PM	EXHIBITION							
8:45 AM	9:00 AM	PRELUDE							
9:00 AM	9:20 AM	Invited Lecture 1 - Prof. Cazzuffi Daniele Antonio, CESI SpA Topic : Use of geomembranes in embankment dams and their long-time behavior in service							
9:20 AM	9:40 AM	Invited Lecture 2 - Prof. G. Madhavi Latha, IISc Bangalore Topic : Micro to macro of sand liquefaction and its mitigation							
9:40 AM	10:00 AM	Invited Lecture 3 - Dr. Mandip Subedi, President, Nepal Geotechnical Society Topic: A Decade After the 2015 Gorkha Earthquake: Reassessing Nepal's Readiness for Future Seismic Events							
10:00 AM	10:30 AM	Keynote Lecture 7 - Prof. Kenichi Soga, UC Berkeley, USA the value of distributed sensing for geotechnical engineering							
10:30 AM	11:00 AM	TEA/ COFFEE BREAK							
11:00 AM	11:30 AM	Keynote Lecture 8 - Prof. Walter Paniagua, Vice President (North America), Intl. Society for Soil Mechanics and Geotechnical Engineering, Founder and CEO of PILOTEC, Mexico Topic: Precast Slurry Walls and Plunged concrete columns: an alternative for the top-down system							
11:30 AM	12:00 PM	Corporate Presentation Slot: Diamond (10 minutes each), Platinum (7.5 minutes each)							
12:00 PM	12:30 PM	Keynote Lecture 9 - Prof. Budhima Indraratna, University of Technology Sydney Topic : Advanced Geotechnical Solutions for Sustainable Transportation Infrastructure using Waste Materials							
12:30 PM	1:00 PM	Keynote Lecture 10 - Prof. Lyesse Laloui, Director, Soil Mechanics Laboratory, Swiss Federal Institute of Technology, Switzerland Topic : Bio-cementation: Advancing Sustainable Soils Stabilization in Geotechnics							
1:00 PM	2:00 PM	LUNCH BREAK							
		Parallel Sessions							
		Assembleia 1	Assembleia 2	Assembleia 3	South 1	South 2	West 1	West 2	All Day All Night
2:00 PM	3:30 PM	Topics: Ground Improvement and Stabilisation	Topic: Transportation Geotechnics	Topics: Cold, Coastal and Environmental Geotechnical Engineering	Asian Council Meeting		Topics: AI and Computational Geomechanics	Topics: Practice, Risk and Education	Topics: Foundations and Deep Excavation
3:30 PM	4:00 PM	TEA/ COFFEE BREAK							
4:00 PM	5:00 PM	PANEL DISCUSSION: Advances in Geotechnical Engineering Across Asia Featuring Presidents of Asian Geotechnical Societies							
5:00 PM	6:00 PM	ASIAN AWARDS CEREMONY							
7:00 PM	8:00 PM	CULTURAL PROGRAM							
		DAY 03 - 09.10.2025 THURSDAY							
8:00 AM	5:00 PM	REGISTRATION							
10:00 AM	5:30 PM	EXHIBITION							
8:45 AM	9:00 AM	PRELUDE							

9:00 AM	9:20 AM	Invited Lecture 4 - Prof. Tomoyoshi Nishimura, Ashikaga University, Japan Topic : Mechanical behavior of unsaturated soils with experimental technique							
9:20 AM	9:40 AM	Invited Lecture 5 - Prof. Robinson, Indian Institute of Technology Madras, India Topic : Seepage and Consolidation under radial drainage-Some insights							
9:40 AM	10:00 AM	Invited Lecture 6 - Prof. Marcelo Sanchez, Texas A&M University, USA Topic : Cracking and Shrinkage in Levees under Drying Conditions: Experimental and Modeling Approaches.							
10:00 AM	10:30 AM	Keynote Lecture 11 - Prof. Anand J Puppula, Texas A&M University, USA Topic : Reinforcement and Geothermal Technologies for Supporting Transportation Infrastructure							
10:30 AM	11:00 AM	TEA/ COFFEE BREAK							
11:00 AM	11:30 AM	Keynote Lecture 12 - Prof. Ikuo Towhata Topic : Ground Water Effects on Coseismic Slope Instability during the 2024 Noto Peninsula Earthquake, Japan							
11:30 AM	12:00 PM	Corporate Presentation Slot: Gold (5 minutes each)							
12:00 PM	12:20 PM	Invited Lecture 7 - Prof. Hemanta Hazarika, Kyushu University, Japan Topic : Lateral Flow-induced Damage in Residential Buildings: Case Study of the 2024 Noto Peninsula Earthquake, Japan							
12:20 PM	12:40 PM	Invited Lecture 8 - Prof. E C Shin, Professor Emeritus Incheon National University, South Korea, Immediate past VP, ISSMGE for Asia Topic : Recent Development of ISSMGE Asian Regional Activities							
12:40 PM	1:00 PM	Invited Lecture 9 - Prof. Askar Zhussupbekov, President & Professor Eurasian National University, Kazakhstan Topic : The Experience of Geotechnical Constructions and Testing of Piling Foundations of Megastructures on Problematical Soil Ground of Kazakhstan							
1:00PM	2:00PM	LUNCH BREAK							
2:00 PM	2:30 PM	Special Keynote Lecture - Prof. Tatsuya Ishikawa, Hokkaido University, Japan Topic : Slope stability-soil runoff integrated analysis considering rainfall infiltration and runoff							
2:30 PM	3:00 PM	Keynote Lecture 14 - Prof. Limin Zhang, Hong Kong University of Science and Technology, HK Topic : Processes and Impact of High-mountain Glacial Landslides and Debris Flows							
3:00 PM	4:00 PM	PANEL DISCUSSION: Geotechnical Engineering in a Changing World - from Asian Perspective Featuring Presidents of Asian Geotechnical Societies							
4:00 PM	4:30 PM	TEA/ COFFEE BREAK							
		Parallel Sessions							
		Assembleia 1	Assembleia 2	Assembleia 3	South 1	South 2	West 1	West 2	All Day All Night
4:30 PM	6:30 PM	Topics: Ground Improvement and Stabilisation	Topics: Practice, Risk and Education	Topic: Geosynthetic Engineering	Topics: Foundations and Deep Excavation	Topics: Rock Mechanics and Tunnelling Engineering	Topics: Slope Stability and Landslides	AsRTC-1 & AsRTC-3 Committee Meetings	TC-307 Workshop
7:30 PM	10:30 PM	GRAND GALA DINNER							
		DAY 04 - 10.10.2025 FRIDAY							
8:00 AM	5:00 PM	REGISTRATION							
10:00 AM	5:30 PM	EXHIBITION							
8:45 AM	9:00 AM	PRELUDE							
9:00 AM	9:20 AM	Invited Lecture 10 - Dr. Chaïdo (Yuli) Doulaia Rigby, Vice Chair of the British Geotechnical Association Topic : Polymer Geogrid GeoStructures: from concept to perfection through lessons learnt and good practice							
9:20 AM	9:40 AM	Invited Lecture 11 - Dr. Leong Kam Weng, Director Keller ASEAN, Singapore Topic : Debunking the myth of Ground Improvement Applications							
9:40 AM	10:00 AM	Invited Lecture 12 - Prof. Yong Liu, Wuhan University, China Topic : Advances in Uncertainty Modelling and Propagation of Geotechnical Practices							
10:00 AM	10:30 AM	Keynote Lecture 15 - Prof. N K Samadhiya, Past President, Indian Geotechnical Society & Professor, Indian Institute of Technology, Roorkee, India Topic : Rock Mass Characterization and Evaluation of Support for Anthpa Jhakri Head Race Tunnel							
10:30 AM	11:00 AM	TEA/ COFFEE BREAK							
11:00 AM	11:20 AM	Special Invited Lecture - Prof. Chian Siau Chen Darren, President, Geotechnical Society of Singapore (GeoSS) Topic : Geophysical Methods in Tunnel Look-Ahead and Deep Soil Mixing							
11:20 AM	11:40 AM	Invited Lecture 14 - Prof. Dimitrios Zekkos, University of California at Berkeley, USA Topic : A Big Data Approach to Regional Resiliency Against Co-Seismic Landslides							
11:40 AM	12:00 PM	Special Guest Lecture - Dr. Ajay Chourasia, Chief Scientist & Head Structural Engineering and 3D Concrete Printing Group, CSIR-CBRI, Roorkee Topic : From Fragility to Resilience: Multi-hazard Risk Assessment of Indian Himalayan Towns							
12:00 PM	1:00 PM	Panel Discussion of ISSMGE Board Members							
1:00 PM	2:00 PM	LUNCH BREAK							
		Parallel Sessions							
		Assembleia 1	Assembleia 2	Assembleia 3	South 1	South 2	West 1	West 2	All Day All Night
2:00 PM	3:30 PM	Topics: Slope Stability and Landslides	Topics: Earthquake and Soil Dynamics	Topics: AI and Computational Geomechanics	Topics: Transportation Geotechnics	Topics: Cold, Coastal and Environmental Geotechnical Engineering	Topics: Ground Improvement and Stabilisation	AsRTC Workshop	Heritage Time Capsule
3:30 PM	4:00 PM	TEA/ COFFEE BREAK							
4:00 PM	4:10 PM	Title Sponsors slot (Sunny Sankla Group, J. Kumar) 5 mins each							
4:10 PM	4:30 PM	Invited Lecture 15 - Prof. Dongsheng Xu, Wuhan University of Technology, China Topic : Recent Advances in Coral Geotechnical Engineering							
4:30 PM	4:50 PM	Bright Spark Lecture 01							
4:50 PM	5:10 PM	Bright Spark Lecture 02							
5:10 PM	6:00 PM	CLOSING CEREMONY & HANDING OVER TO 2nd GEOTECH ASIA 2029							
		DAY 05 - 11.10.2025 SATURDAY							
9:00 AM	5:00 PM	Board Meeting of International Society for Soil Mechanics and Geotechnical Engineering Venue: Taj Cidade De Goa Horizon, Goa							