			1s	t Geotech As	ia Internati	onal Confere	ence 2025, Go	oa						
		TAJ CIDADE DE GOA HORIZON, GOA 7-10 October 2025												
From	То													
					DAY 01 - 07.10.2									
8.00 AM 11:30 AM	5.00 PM 5.30 PM				REGISTI EXHIB									
8:30 AM	5.30 PM 8:40 AM					LUDE								
8:40 AM	9:40 AM				OPENING O	CEREMONY								
			Co-	Chair: Prof. G.L Chair: Dr. A.P. Singh, Hon		t President, Indian Geotec technical Society & Org. S		025						
						Dr. Marc Ballouz, President		020						
9:40 AM	10:10 AM					of challenges in laterally loa								
10:10 AM	10:40 AM			uished Keynote Lecture 2 - I at Developments in Quality A										
10:40 AM	11:00 AM		10ри г. Кесен	Developments in Quarty 2		FEE BREAK	ang ana their Engineering is	mplications.						
10:40 AM 11:00 AM	11:00 AM 11:40 AM			INALIG		PENING OF EXHIBITION S	TATIC							
II:00 AM	II:40 AM					ening OF EXHIBITIONS								
						hiraman, IIT Thirupathi								
11:40 AM	12:10 PM		Keynote Lecture 3 - Prof. T.G Sitharam, Chairman, AICTE Topic: Designing Against the Odds: The Chenab Bridge and the Evolution of Geotechnical Strategies											
12.10 DM	12.20 DM	, , , , , , , , , , , , , , , , , , , ,												
12:10 PM	12:30 PM		Title Sponsors slot (Sunny Sankla Group, J.kumar)											
12:30 PM	1:00 PM		1	Key Topic : Smart Geotechnology		ungsik Yoo, President FedIC ical Design: Progress, Challe								
1:00 PM	2:00 PM				LUNCH	BREAK								
					Parallel									
		Assembleia 1 Chair: Prof. C.N.V.	Assembleia 2 Chair: Dr. Jaykumar Shukla	Assembleia 3 Chair: Prof. Viswas A	South 1 Chair: Dr. Vikas Patil	South 2 Chair: Prof. T Thyagaraj	West 1 Chair: Prof. Anand Katti	West 2 Chair: Prof. V.B Maji	All Day All Night Chair: Ms. Aarti					
		Satyanarayana Reddy Co-chair: Er. Sandip	Chair: Dr. Jaykumar Shukla Co-chair: Er. Annapoorni Iyer	Sawant Co-chair: Dr. Tarun	Chair: Dr. Vikas Patil Co-Chair: Prof. Ramakrishna Bag	Co-chair: Prof. 1 Thyagaraj Co-chair: Prof. Sumeet Kumar Sinha	Chair: Prof. Anand Katti Co-chair: Prof. Amarnath Hegde	Co-chair: Prof. V.B Maji Co-chair: Prof. Bappaditya Manna	Chair: Ms. Aarti Bhargava Co-chair: Prof. Arif Ali					
		Deshpande	Tyc	Naskar	Rumus roms. 2ng	Ribino Jin.iii	Tiegue	Manna	Baig Moghal					
		Topics:	Topics:	Topics:	Topic:	Topics:	Topics:	Topics:	Topics: Cold, Coastal and					
		Foundations and Deep Excavation	Earthquake and Soil Dynamics	Practice, Risk and Education	Geosynthetic Engineering	Slope Stability and Landslides	Ground Improvement and Stabilisation	Rock Mechanics and Tunnelling Engineering	Environmental Geotechnical Engineering					
2:00 PM	4:00 PM													
			Thematic Lecture:	Thematic Lecture:	Thematic Lecture: Prof. Castorina Fernanda	Thematic Lecture: Prof. Hari Krishna Padavala	Thematic Lecture: Prof. Seethalakshmi P	Thematic Lecture:	Thematic Lecture:					
		Thematic Lecture: Prof. Sangseom Jeong	Prof. Subhadeep Banerjee Towards a Particle Based	Dr. Sanjay Rana Integrating Geophysics into	Silva Vieira Geosynthetics Tensile	A Study on the Wind Erosion Mitigation of Flyash in	Enhancing the Geotechnical Properties of Micaceous	Prof. Priti Maheshwari Probabilistic Analysis of a	Prof. G.V Ramana Geotechnical Romance with					
		Piled Raft Foundation and Soil Structure Interaction	Approach for Simplified Liquefaction Susceptibility Assessment	Geotechnical Workflows: Principles, Practices, and Pitfalls	Behaviour after Exposure to Non-conventional Fill Materials	Disposal Sites using Surface Geopolymerization	Sand using Xanthan Gum Biopolymer: A Sustainable	Wellbore in Rocks	Landfills					
			Assessment	rigans	Materials		Alternative to Conventional Stabilisers							
4:00 PM	4:30 PM				TEA/ COF	FEE BREAK								
						ident, Indian Geotechnica re & Technical Committee								
4:30 PM	5:00 PM					Shou, ISSMGE Vice Presid Technology for Infrastructu								
5:00 PM	5:30 PM					h, IK & Technical University								
		Topic: The History and the geotechnical Basis of the Combined Pile-Raft Foundation (CPRF) PANEL DISCUSSION- FedIGS												
5:30 PM	6:15 PM				Geo-disaster Mitigation in	the face of Climate Change								
0	0.22	Moderator: Andrew McNamara, Secretary General, ISSMGE Panelists: Prof. Chungsik Yoo, Dr. Marc Ballouz, Prof. Seokwon Jeon, Prof. Vassilis Marinos, Dr. Samuel R Allen												
7:00 PM	8:00 PM				WELCOME F	RECEPTION								
				D	AY 02 - 08.10.20	25 WEDNESDA	Y							
8.00 AM	5.00 PM				REGISTI	RATION								
10:00 AM	5.30 PM				EXHIB	ITION								
8:45 AM	9:00 AM	PRELUDE												
(Chair. Prof. K.S. Rao, Past President, Indian Geotechnical Society Co- Chair. Er. Sridhar Valluri, Keller India & Org. Secretary, Geotech Asia 2025												
				Co- Chair: Er. S	ridhar Valluri, Keller In	dia & Org. Secretary, Geo	113111 2023	Invited Lecture 1 - Prof. Cazzuffi Daniele Antonio, CESI SpA						
9:00 AM	9:20 AM			Invite	ed Lecture 1 - Prof. Cazzui	iffi Daniele Antonio, CESI S	SpA							
9:00 AM	9:20 AM			Invite Topic : Use of geom	ed Lecture 1 - Prof. Cazzut nembranes in embankment	offi Daniele Antonio, CESI states and their long-time b	SpA ehavior in service							
9:00 AM 9:20 AM	9:20 AM 9:40 AM			Invite Topic: Use of geom Invi	ed Lecture 1 - Prof. Cazzut nembranes in embankment ited Lecture 2 - Prof. G. M	iffi Daniele Antonio, CESI S	SpA ehavior in service ore							
				Invite Topic: Use of geom Invi Topic: Invited Lecte	ed Lecture 1 - Prof. Cazzul nembranes in embankment rited Lecture 2 - Prof. G. M Micro to macro of sand lia ure 3 - Prof. Feng ZHANG	offi Daniele Antonio, CESI of dams and their long-time be dadhavi Latha, IISc Bangalo quefaction and its mitigation of the control of the con	SpA ehavior in service ore on							
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		Assembleia 1	Assembleia 2	Assembleia 3		th 182	West 1	West 2	All Day All Night			
		Chair: Prof. B Umashanker Co-chair: Prof. Kshitija	Chair: Prof. Tiru Kulkarni Co-chair: Dr. V. Senthilkumar	Chair: Dr. G Sridevi Co-chair: Prof. Sougata Mukherjee		hou, Vice President Asia, SMGE	Chair: Er. Saurabh Vyas Co-chair: Dr. Jigisha Vashi	Chair: Prof. Sumanta Haldar Co-chair: Prof. Altaf	Chair: Prof. P Hariprasada Reddy Co-chair: Shabana Saeed			
2:00 PM	3:30 PM	Nadgouda Topics: Ground Improvement and Stabilisation	Topic: Transportation Geotechnics	Topics: Cold, Coastal and Environmental Geotechnical Engineering			Topics: AI and Computational Geomechanics	Usmani Topics: Practice, Risk and Education	Khan Topics: Foundations and Deep Excavation			
		Thematic Lecture: Dr. Sunil S. Basarkar Infrastructure Soil Stabilization and Ground Improvement: Case Studies and Insights	Thematic Lecture: Prof. Sireesh Saride Performance evaluation of geosynthetic-reinforced pavements under monotonic and repeated loading	Thematic Lecture: Prof. Sreedeep Sekharan Engineering the unsaturated soil behaviour for agricultural drought preparedness	Asian Con	uncil Meeting	Thematic Lecture: Dr. V. Raghav Analytical model for evaluating forces during extra-terrestrial regolith drilling for lunar missions	Thematic Lecture: Dr. C.R. Parthasarathy Characterisation of carbonate soils and their Impact on geotechnical designs - Case Studies	Thematic Lecture: Prof. Benson Hsiung Impacts from Consolidation Caused by Deep Excavation in Clay in Jakarta, Indonesia			
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 <mark>Moderator:</mark> Prof. Keh Jian Shou, Vice President Asia, ISSMGE										
5:00 PM	6:00 PM			Cha		D <mark>S CEREMONY</mark> Vice President Asia, ISSM	GE					
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										
		Chair. Er. Srilal Sahabandu, President, SriLankan Geotechnical Society Co- Chair. Er. Ravikiran Vaidya, NEC Member, Indian Geotechnical Society & Finance Committee, Geotech Asia 2025										
		Co- Chair: Er. Kavikiran Vaidya, NEC Member, Indian Geotechnical Society & Finance Committee, Geotech Asia 2025 Invited Lecture 4 - Prof. Tomoyoshi Nishimura, Ashikaga University, Japan										
9:00 AM	9:20 AM					rated soils with experimental to						
9:20 AM	9:40 AM		Invited Lecture 5 - Prof. Robinson, Indian Institute of Technology Madras, India Topic: Consolidation under radial drainage-Some insights									
9:40 AM	10:00 AM		Spe			rnational Geosynthetic Soci in Engineering Design Practice		oi)				
10:00 AM	10:30 AM		Topic : Sustainability an			Puppula, Texas A&M Universent and Geothermal Technol		portation Infrastructure				
10:30 AM	11:00 AM				<u> </u>	FEE BREAK						
						ast President, Nepal Geot EC Member, Indian Geoted						
11:00 AM	11:30 AM		To	opic : Ground Water Effects		- Prof. Ikuo Towhata pility during the 2024 Noto I	Peninsula Earthquake, Japan	7				
11:30 AM	12:00 PM					chfab India, Garware Te						
12:00 PM	12:20 PM		<u> </u>	Invited L	ecture 6 - Prof. Hemanta I	Hazarika, Kyushu Universi	y, Japan					
				-		gs: Case Study of the 2024 Not onal University, South Kor						
12:20 PM	12:40 PM			Торг	ic : Recent Development of IS	SSMGE Asian Regional Activit	ties					
12:40 PM	1:00 PM		Topic : The Experi	ence of Geotechnical Construc	tions and Testing of Piling Fo	at & Professor Eurasian National Metallic Structures of Megastructures of Megastruct	on Problematical Soil Ground o	an of Kazakhstan				
1.00PM	2.00PM					I BREAK						
						ninathan, IIT Madras hukumaran, NIT Trichy						
2:00 PM	2:30 PM					a Ishikawa, Hokkaido Univ alysis considering rainfall infil						
2:30 PM	3:00 PM		:			President, Nepal Geotechhn eassessing Nepal's Readines						
3:00 PM	4:00 PM			Fe	eaturing Presidents of As	ng in a Changing World - f sian Geotechnical Societic u, Vice President Asia, ISS	's					
4:00 PM	4:30 PM				TEA/ COFI	FEE BREAK						
		Assembleia 1	Assembleia 2	Assembleia 3	Parallel South 1	Sessions South 2	West 1	West 2	All Day All Night			
		Chair: Dr. Ratnakar Mahajan Co-chair: Dr. Sowmya Chawla	Chair: Dr. Madan Kumar Annam Co-chair: Dr. Shruti J. Shukla	Chair: Prof. Harikrishna Padavala Co-chair: Dr. Ramesh Kannan K	Chair: Prof. Sireesh Saride Co-chair: Prof. Syed Khaja Karimullah Hussaini	Chair. Prof. Reghuram Ammavajjla Co-chair. Prof. Bipin Kumar Gupta	Chair: Dr. Hemand S Chore Co-chair: Prof. Pinom Ering	Chair: Prof. Hemanta Hazarika Co-chair: Prof. Babloo Chaudhary	Chair: Prof. Anand J. Puppala Co-chair: Prof. Yaolin Yi			
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					
1.00 1.01	0.001101	Thematic Lecture: Prof. Blaskar Chittoori Cross-linking biopolymers using salt for frost susceptible silty soils	Thematic Lecture: Prof. Shahab Yasrebi Evaluating Hybrid SOE Systems for High-Risk Urban Excavations: A Case Study Approach	Thematic Lecture: Prof. Shabana Saeed Khan Mechanisms of soil deformation control using Geosynthetics: A Comprehensive Review	Thematic Lecture: Prof. Ramanathan Ayothiraman Influence of Deep Excavation and Foundation Loading on the Response of the Existing Tunnel in Sand	Thematic Lecture: Prof. Meng Chia Weng Hydro-mechanical Coupling Analysis of Carbon Dioxide Migration in Saline Aquifers	Thematic Lecture: Prof. Surya Sarat Chandra Congress Integrating TabNet and SHAP for Interpretable Landslide Susceptibility Modelling in Minnesota	AsRTC-1 & AsRTC-3 Committee Meetings	TC-307 Workshop			
7:30 PM	10:30 PM				GRAND GA	LA DINNER						
					DAY 04 - 10 10	.2025 FRIDAY						
8.00 AM	5.00 PM					RATION						
10:00 AM	5.30 PM				EXHIB							
8:45 AM	9:00 AM					LUDE						
						apter & Chairman and M ing College & Org. Joint S						

LUNCH BREAK
Parallel Sessions
South 182

West 2 All Day All Night

1:00 PM

2:00 PM

9:00 AM	9:20 AM	Invited Lecture 10 - Dr. Chaido (Yuli) Doulala 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. Hari Krishna Yandamuri, Regional Managing Director, Asia Topic: Debunking the myth of Ground Improvement Applications										
9:40 AM	10:00 AM	Invited Lecture 12 - Dr. Ratnakar Mahajan, Technical Head India, South-East Asia and Pacific Senior Technical & Strategy Leader, Maccaferri Topic: Building Green Infrastructure Using Geosynthetics										
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				* * * * * * * * * * * * * * * * * * * *	FEE BREAK						
		Chair: Prof. S.K Prasad, Vidhyavardhaka College of Engineering, Mysuru &NEC Member, Indian Geotechnical Society Co- Chair: Prof. Akanksha Tyagi, IIT Roorkee & Technical Committee, Geotech Asia 2025										
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			F	anel Discussion of IS	SSMGE Board Members						
1:00 PM	2:00 PM				LUNCH	I BREAK						
						l Sessions						
		Assembleia 1	Assembleia 2	Assembleia 3	South 1	South 2	West 1 & West 2	All Day All Night				
	3:30 PM	Chair: Prof. Sreevalsa Kolathyar Co-chair: Er. A.V.S Chakravarti	Chair: Prof. Anitha G Pillai Co-chair: Dr. Vinay K Pandey	Chair: Prof. Raghuveer Rao Pallepati Co-chair: Er. Govind Raj	Chair: Prof. Dola Roychowdhury Co-chair: Prof. Anasua GuhaRay	Chair: Er. Heman Manchanda Co-chair: Er. Sujan Kulkarni	Chair: Prof. Sudheesh T K Co-chair: Er. Ramadas Veluri	Chair: Prof. Hugo Acosta Martinez Co-chair: Prof. D. Neelima Satyam				
2:00 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					
		Geo.	Thematic Lecture: Er. Taro Hiranuma Geotechnical Challenges Associated with Slope Remediation Works	Thematic Lecture: Prof. Ashim Kanti Dey	Thematic Lecture: Prof. Pijush Samui Progress & obstacles of	Thematic Lecture: Prof. Chih Ping Lin Efficient Modeling of Train-track and Soil	Thematic Lecture: Prof. Sumanta Haldar Numerical Simulation of Floating Offshore Wind	Thematic Lecture: Prof. Amarnath Hegde The Influence of Jute and Polypropylene Geotextiles on	Heritage Time Capsule			
		Geotechnical Challenges Associated with Slope	Evaluation of Dynamic Parameters of Tropical Peat	Artificial Intelligence in Geotechnical Engineering	Interactions under Train Loading	Turbines under Environmental and Seismic Loading	Internal Erosion of Clayey Soil					
3:30 PM	4:00 PM	Geotechnical Challenges Associated with Slope		Artificial Intelligence in Geotechnical Engineering	Interactions under Train Loading	Turbines under Environmental and	Internal Erosion of Clayey Soil					
3:30 PM 4:00 PM	4:00 PM 4:10 PM	Geotechnical Challenges Associated with Slope		Geotechnical Engineering	Interactions under Train Loading TEA/ COFF	Turbines under Environmental and Seismic Loading	Internal Erosion of Clayey Soil					
		Geotechnical Challenges Associated with Slope		Geotechnical Engineering Title Spot	Interactions under Train Loading TEA/ COFF usors slot (Sunny Sank t Spark Lecture 01: Dr	Turbines under Environmental and Seismic Loading	Internal Erosion of Clayey Soil					
4:00 PM	4:10 PM	Geotechnical Challenges Associated with Slope		Geotechnical Engineering Title Spon Brigh	Interactions under Train Loading TEA/ COFF usors slot (Sunny Sank at Spark Lecture 01: Dr Indian Institute of Tec- ight Spark Lecture 02:	Turbines under Environmental and Scismic Loading FEE BREAK kla Group, J.kumar) 5 mi	Internal Erosion of Clayey Soil ins each					
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4:00 PM 4:10 PM 4:30 PM	4:10 PM 4:30 PM 4:50 PM	Geotechnical Challenges Associated with Slope		Geotechnical Engineering Title Spor Brigh I Brit	Interactions under Train Loading TEA/COFF usors slot (Sunny Sank at Spark Lecture 01: Dr Indian Institute of Tec- ight Spark Lecture 02: University of Tec REMONY & HANDING	Turbines under Environmental and Seismic Loading FEE BREAK kla Group, J.kumar) 5 m r. Chaidul Haque Chaudl chnology Bhubaneswar Mr. Suwan Hettiyahand	Internal Erosion of Clayey Soil ins each huri					
4:00 PM 4:10 PM 4:30 PM	4:10 PM 4:30 PM 4:50 PM	Geotechnical Challenges Associated with Slope	Parameters of Tropical Peat	Geotechnical Engineering Title Spor Brigh I Bri CLOSING CE	Interactions under Train Loading TEA/ COFF USORS SIOT (Sunny Sank at Spark Lecture 01: Dr Indian Institute of Tec ight Spark Lecture 02: University of Te REMONY & HANDING DAY 05 - 11.10.2 national Society for S	Turbines under Environmental and Seismic Loading FEE BREAK kla Group, J.kumar) 5 m r. Chaidul Haque Chaudl chnology Bhubaneswar Mr. Suwan Hettiyahana chnology Sydney G OVER TO 2nd GEOTECI	Internal Erosion of Clayey Soil ins each huri H ASIA 2029					