

<div> <div>The 8th Asian Conference on Geosynthetics (GeoAsia8)</div> <div>10 - 13 June 2025 Brisbane Convention and Exhibition Centre</div> <div>Program as of 4 April and subject to change</div> </div>					
Start	Day 1 Tuesday, 10 June 2025				Finish
8:00	Registration Open				8:30
Room	Boulevard Auditorium				Room
8:30	Opening Ceremony & Welcome to Country				9:00
9:00	Fumio Tatsuoka Lecture Studies and practices of geosynthetic reinforced soil abutments and integrated bridge systems Chao Xu				10:00
10:00	Morning Tea & Exhibition				10:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
10:30	Un-conference Sustainability Theme	31 Prediction of Pore Size Characteristics of Needle-Punched Nonwoven Geotextiles Under Laterally Constrained Condition - Keyi Li	046 Masking Effects of Overlaying Aggregates on Geotextile Drainage Layers - Bowei Yu	043 Numerical study of the dynamic response of stone column and geosynthetic encased stone column in liquefiable sands - Mingchang Ji	12:30
		037 Geosynthetic Clay Liners, why hydraulic conductivity (k-value) is the wrong value for a tender - Henning Ehrenberg	063 Effect of interface temperature on soil-reinforcement interaction performance based on pullout tests - HuaXin Han	072 Numerical modelling of railway embankment resting on soft soil reinforced with granular columns in different arrangements - Sanjay Nimbalkar	
		044 Performance of Bituminous Geomembrane Seams Exposed to Tensile Stress and to Elevated Temperature - Eric Blond	077 Influence of cyclic load on accumulated pullout displacement and pullout stiffness of geogrid embedded in ground - Kenji Watanabe	081 Liquefaction instability mitigation with geosynthetics in the world's highest observation wheel project in Dubai - Matteo Lelli	
		088 Long-term creep estimation of HDPE geogrid using temperature-accelerated stress relaxation techniques - Rawiwan Eakintumas	116 Quantifying the effects of geogrid tensile stiffness on permanent deformation and resilient modulus in unbound granular materials - Ziheng Wang	092 Comparative 3D Numerical Analysis of Reinforced Granular Piles for Enhancing Embankment Performance on Soft Soils: Evaluating Ordinary, Encased, and Basal-Reinforced Configurations - Shaid Yousuf	
		032 Performance of colored HDPE geomembranes exposed to tropical climate - Colin Lim	177 Modified Coir geotextile-Soil interaction through interface shear tests - Divya PV	218 Full-scale experiment and numerical studies of a geosynthetic reinforced pile-supported embankment - Yining Hu	
		124 Study on Ease of Penetration of Prefabricated Vertical Drain through Geotextile Tubes - Jun Ming Soh	130 BGM Interface shear strength at elevated temperatures, including field observations - Ryan Hackney	228 Recommendations on the application of graph-analytical method of pile settlement calculation taking into account pile breakout and slippage - Anastasija Almakaeva	
12:30	Lunch & Exhibition				13:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
Session	Barriers	Stabilization	Reinforcement	Hydraulics	
13:30	Geosynthetic barriers in energy projects Malek Bouazza	Kazakhstan's experience in the use of geosynthetic materials in road construction Bagdat Teltayev	Further details to be available soon Chris Lawson	Further details to be available soon Eric Blond	15:00
15:00	Afternoon Tea & Exhibition				15:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
15:30	Speed Consulting Barriers Theme (Landfills & Dams) Hosted by Siamak Paulson	006 Effect of Various Reinforcing Measures on Geosynthetic-reinforced Embankment and Foundation Systems for Mitigating Reverse Fault-induced Hazards - Chun-Wei Wu	004 Investigations on cracking characteristics of geosynthetic-reinforced asphalt using DIC - Ashray Saxena	053 Challenges and Solutions of Utilizing Geotextile Tubes on Marine Clay Seabed for Land Reclamation: Malacca Case Study - Jun Yuen Tan	17:30
		019 Case study: a 13-meter high single berm reinforced soil slope with wicking reinforced geotextile at the Nanning pumped storage substation in Guangxi, China - Jingying Chu	009 Study on the stiffening behavior of geogrid on unpaved roads under repeated loading - Chih Chun Chien	125 Performance of Sludge-Filled Geotextile Tubes to Overcome Muddy Coastal Abrasion - Nastiti Tiasundari	
		039 Choice on reinforcement stiffness for numerical modeling of GRS abutments under working stress conditions - Jialong Deng	056 Impact of base and subgrade stabilization with geotextiles in pavements using accelerated pavement testing - Gino Sicha Flores	126 Increasing Dune System Resilience and Effectiveness in Open Coast Conditions with Geotextiles - Aaron Salyer	
		089 Comparing the seismic responses of single and two-tiered reinforced soil slopes - Ya Meng	068 Sustainable pavement solution for soft & expansive soils - South Station Road, Ipswich (case study) - Amar Singh	166 Case Study- Application of Geotextile tube in the construction of Reclamation Dyke in Eco-sensitive zone - Dola Roychowdhury	
		146 Utilization of a Mechanically Stabilized Earth Embankment with Wrap-around Facing as Slope Stabilization for a Collapsed Road within a Geothermal Power Plant in Leyte, Philippines - Charissa Allyana Chua	106 Experimental study on geosynthetic-reinforced expansive subgrade under varying swell pressures in flexible pavements - Sandaram Srivastava	174 Channel protection using geosynthetic cellular confinement - Taylor Dagenais	
		194 Effect Of Climate Conditions On The Stability Of A Geogrid Reinforced Soil Wall - Fernando Portelinha	114 Proper bond rates of asphalt Geosynthetics to achieve optimal shear bond strength - Natalia Correia	175 Evaluating the Extent and Impact of Saltwater Intrusion on Polyacrylamide-Treated Coastal Earth Embankment Soil - Minhaz Mohammad Shahriar	
Room	Boulevard Foyer				Room
17:30	Diversity, Equity & Inclusion session GeoAsia8 Welcome Reception				19:30
19:30	Conference Day 1 Close				19:30

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Start	Day 2 Wednesday, 11 June 2025				Finish
8:30	Barrier and Hydraulic Application: Tunnelling ad underground transportation Chungsik Yoo				9:15
9:15	Use of geosynthetics to prevent soft subgrade instability and fluidisation under cyclic loading with special reference to railways Buddhima Indraratna				10:00
10:00	Morning Tea & Exhibition				10:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
10:30	Un-conference Quality and Testing Theme	005 Active geocomposites as a Sustainable solution for PFAS contamination on landfills - Gus Martins	001 Robust, Non-Invasive, Instrumentation of Geosynthetics Using Novel Electrical Sensing - Trigg Sharp	035 Calibration of Resistance Factor for the Rupture Limit State of Geosynthetic Reinforced Soil Walls Considering Combined Installation Damage and Creep - Yoshihisa Miyata	12:30
		042 Heat mitigation in compacted clay liners in municipal solid waste landfills - Vivi Anggraini	208 Innovative geofoam-geogrid composite for use in embankments in cold regions environment - Earl Marvin De Guzman	082 Design of geosynthetics for erosion control using RUSLE equation - Matteo Lelli	
		139 Design and Construction Challenges of Cellular Confinement Systems for Landfill Slopes and Ponds - Roger Britto	121 Geotextile Tube Installation at Deep Waters using Innovative Methods - Jun Ming Soh	134 Application of geosynthetic tube for marine engineering: From design to construction of tube dam for bored pile drilling onshore beach rocky slopes - Hoai Do Mai Thu	
		237 GCL Internal Shear Strength and Testing: Challenges and Misunderstandings - Amir Shahkolahi	091 Enhancing geotechnical properties of peat using industrial byproducts: a comprehensive experimental and numerical study - Afnan Ahmad	140 A critical bearing capacity assessment under BR470 of the contribution of geosynthetic reinforcement to temporary working platforms using numerical methods - Abid Ali	
		119 The use of cuspated sheet geocomposite in low-risk rural landfill capping applications - Cory Dogger	080 A case study of debris flow early warning system - Matteo Lelli	022 Numerical analyses of reinforced embankment foundation systems subjected to reverse faulting - Emerson Edwige Michel	
		230 Forensic Investigation Of Landfill Cell Left Dormant For 4 Years - Christian Lisle	245 PVC geomembranes, a reliable and sustainable alternative in hydraulic structures - Pau Climent	222 Further Understanding of GCL Brittle Shear Behaviour under High Confining Stress - Hossein Ghiasinejad	
12:30	Lunch & Exhibition				13:30
Room	Boulevard B1		Boulevard B2		Room
13:30	China session Huabei Liu		India session Sivakumar Babu		15:00
15:00	Afternoon Tea & Exhibition				15:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
15:30	Speed Consulting Mining Theme Hosted by Graham Fairhead & Liza Du Preez	002 Geosynthetic-reinforced soil check dams: case study and numerical simulation - Chaicharn Thongthanawat	027 High-temperature resistant HDPE geomembrane aging study for acidic mine waste containment - Dan Jones	101 Interaction effect of piles and prefabricated vertical drains in soft clay - Sachini Dissanayake	17:30
		079 Flexible Geotextile Sand Container System to Mitigate Foreshore Erosion: A Case Study in Cocos Islands, Australia - Mohd Anas Adanan	033 The essence of material compatibility in advanced barrier systems of existing TSFs - Vernita Govender	132 Response of Railway GRS Bridge Abutment under Freight Trains - Kunjan Saikia	
		113 Ground Improvement Works using Prefabricated Vertical Drains for Reinforced Soil Wall system for Interchange cum Road Over Bridge at Kandla, Gujarat, India - Harsh Raval	051 Development of a High Performance Geosynthetic Drainage Net - Alex Gersch	133 Innovative Methods of Using Tyre-Derived Aggregates for Railway Ballast- A Critical Review - Chathuri M.K. Arachchige	
		182 Liquefaction Mitigation for LNG Storage Tanks: Design and Implementation of Sand Compaction Piles - Anil Bhandari	065 Should geomembrane lined ponds/dams be covered with a ballast layer? - Jonathan Shamrock	141 Evaluating the Impact of Geosynthetics on Unpaved Road Performance: A Small-Scale Cyclic Plate Loading Approach - Jiacheng Qiu	
		201 Challenging Environmental Containment for Large Crude Oil Tank Storage Facility - Alex Gersch	084 Surface Drainage Restoration In Mine Reclamation Using Geosynthetics Cementitious Composite Mat, GCCM - Lim Chong	238 Ballast Stabilisation To Improve The Performance Of The Rail Track - Amir Shahkolahi	
		MSE wall structure with liner system for landfill vertical expansion in Sydney, Australia - Gary Schmertmann	115 Performance evaluation of Triaxial Geogrid-Reinforced C&D Waste and Quarry Aggregate for the Base and Subbase Layers of Flexible Pavements - Barmavath Shiva Prasad	240 An empirical model for the design of geogrid and geocomposite stabilized and reinforced unpaved roads - Joerg Klompmaker	
17:30	Conference Day 2 Close				17:30

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Start	Day 3 Thursday, 12 June 2025				Finish
8:30	Geosynthetic technologies for resilient road networks Yoshihisa Miyata				9:15
9:15	Latest advances in understanding the long-term performance of geomembranes in tailings storage facilities"-where are we now with BGMs Kerry Rowe				10:00
10:00	Morning Tea & Exhibition				10:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
10:30	Un-conference Erosion Control & Coastal Protection Theme	247 The importance of considering the construction rate of Geosynthetic-Reinforced and Pile-Supported Embankments in the estimation of settlements during construction - Viviana Mangraviti	186 The ongoing journey of geosynthetics and sustainable remediation within Oceania - Chris Nivison-Smith	018 Evaluation of the Durability of HDPE Geomembranes Through Aging Tests from Nominal to High Performance Grade - Chin Tai Lin	12:30
		137 Strength and stiffness of sands reinforced with modified geocells - Aariya Krishna	164 Managing LFG risk with geosynthetic products - Alex de Guzman	122 Investigation of the Critical Tearing Strength of Inlet Port Design - Jun Ming Soh	
		034 Geosynthetic Seismic Isolation Concept for Reinforced Soil Walls - Yoshihisa Miyata	036 Twenty Five years of experience with a lysimeter system with geosynthetic clay liners - Henning Ehrenberg	244 Analysis of Surface Temperatures and Expansion Behavior in HDPE and LLDPE Geomembranes with Different Surfaces in Field Applications - Ana Laura Cassini Souza Bernardinelli	
		20 Use of geosynthetic reinforced structure for debris dam - Zoe Lin	052 Designing with Geosynthetics in Roads Subjected to Freeze-Thaw Cycles: A Critical Review - Berjees Anisa Ikra	246 Performance of Instrumented full-scale pavement sections on soft subgrade stabilised with geogrid/geocomposite - Chaminda Gallage	
		30 Geotextile Reinforced Sludge Pond Capping - Kwan Shen (Tony) Tong	095 Predictive Models for Metro Station Settlement During Twin-Tunneling: Leveraging Machine Learning and Soil Rheological Properties - Victoria Rud	093 Lateral loading tests of buried pipes with geocell-reinforcement against uplift - Taishi Nagatani	
		214 Assessing the effectiveness of composite soil reinforcement - Askar Zhussupbekov	219 Advantages of Geomembrane Faced Rockfill Dams over Concrete and Asphalt Faced Rockfill Dams - Jong Hao Su	243 Hybrid Solutions: Mechanically Stabilized Earth (Mse) Walls And Slopes Supported By Improved Ground - Mark Morales	
12:30	Lunch & Exhibition				13:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
13:30		231 Advancing Erosion Control with Virgin HDPE Mesh for Superior Durability in Hybrid Engineering Systems - Simon Restal	189 Investigating the dual role of geocells in slope stabilization: Reinforcement and fascia - Arindam Dey	040 Research on the Control Effect of Water Migration in Fine-grained Soil Subgrade Driven by the Matric Potential of Wicking geotextile - Pengju Tang	15:00
		123 Durability of Geotextile Material Exposed to 6-year UV Exposure - Yun Mei Lim	145 Evaluation of extent of earthquake damage to geogrid reinforced soil walls by the settlement of backfill surface - Jiro Kuwano	112 Drainage performance of slope installed with wicking geotextile in seasonal frozen areas - Zhanhe Li	
		197 Assessment of High-Density Polyethylene Geomembrane Durability Immersed in Mine Tailings Solutions at Elevated Temperatures - Siamak Paulson	128 Liquefaction response of geogrid-reinforced sands - Saikumar Allam	192 Filtration Performance of a Woven Geotextile Based on Permeameter Tests Performed within a Landfill Site - Ramon Santos	
		217 Performance Enhancement of Bituminous Geomembranes: Technical Innovations and Solutions - Pau Llinas	200 Seismic response of wrapped-face geosynthetic reinforced soil (GRS) wall comprising marginal backfill material - Arindam Dey	021 Design and application of special purpose membrane in canal embankments with clayey soils - Vivek Kapadia	
15:00	Afternoon Tea & Exhibition				15:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
15:30	Speed Consulting Transportation theme (Roads & Railways) hosted by Amir Shahkolahi	216 Using Geotextile Filters in Dam Embankment Construction - Florian Hoertkorn	176 Evaluation of the mechanical properties of HDPE geomembranes exposed for 15 years - Sergio Luiz Da Costa Junior	215 Field scale testing of base course reinforcement method using geosynthetics - Kenichi Sato	17:30
		142 Investigation of installed unconfined Geosynthetic Clay Liner on a piggyback liner - Md Abdur Rouf	015 Environmental and economic analysis of the use of high-strength geomembranes in MSW landfills: Innovative perspective - Beatriz Rodríguez López	083 Study on Geopolymer-Modified Pourable Waste Slurry as Subgrade Material in Geocells - Zhihao Han	
		099 Multilayered geosynthetic composite application in landfill cappings, Cava De' Tirreni case study - Gianluca Spadaro	024 Seepage model test on restored embankment using geocell reinforcement technique - Shintaro Miyamoto	129 Numerical investigation on the influence of the geogrid length on the load transfer mechanism in stabilized granular layer - Nagashruthi Shivakumar	
		008 Geosynthetics for Coastal Pipeline Protection - Samir Kremer Sehnem	054 Innovative geotextiles with moisture management for resilient roadway - Stephen Teh	167 Geosynthetics Application for Dam Reservoir Capacity Rebuilding, A Pilot Project - Dola Roychowdhury	
		061 Development and performance testing of biodegradable vertical drain modified with PLA/PBAT composite - Zhen Zhang	064 Consolidation analysis and optimisation of On-site spacing of PVD in Soft Clay deposit - Akash Nimbalkar	211 Unveiling the Role of Enhanced Lateral Drainage in Moisture-Sensitive Subgrade Stabilization: Insights, a Decade on from the Montana Project - Gary Matthews	

Start	Day 3 Thursday, 12 June 2025				Finish
				172 Effectiveness of Geogrid Reinforced for Paved and Unpaved Pavement Sections - Ratnakar Mahajan	
17:30	Program Session End				18:30
18:30	GeoAsia8 Conference Dinner The Star, Brisbane				22:30
17:30	Conference Day 3 Close				17:30

Start	Day 4 Friday, 13 June 2025				Finish
8:30	Geosynthetics applications with sustainable design and construction Chew Soon Hoe				9:15
9:15	Use of cellular confinement to improve the performance of roads and railways on soft subgrades Jie Han				10:00
10:00	Morning Tea & Exhibition				10:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
10:30	Un-conference Slopes and Walls	066 Effectiveness of a Geocomposite-PVD system in preventing subgrade instability and fluidisation under cyclic loading - Andy Warwick	003 Sustainable design of civil engineering works - opportunity and threat for geosynthetics - Tom Sangster	248 Welding Parameters. The Importance and Impact they Have - Clinton Van Zyl	12:30
		069 Enhanced Rail Track Performance Using Recycled Rubber and Mining Waste - Yujie Qi	048 Geosynthetic - a sustainable construction material - Gary Ng	054 Innovative geotextiles with moisture management for resilient roadway - Stephen It Seen Teh	
		078 Experimental study on dynamic properties of geocell reinforced crushed stone composites - Zhijie Wang	236 On the Response of Geobags Filled by Rubber Crumbs Under Rockfall Loads - Masoud Kavandi	117 Enhancing Polyethylene Geomembrane Performance: Tackling Weld Quality, Installation Challenges, and Durability Risks - Eduardo Carreras Torres	
		090 Long-term performance of the embedded mechanically stabilized earth abutment in Anhui - A case study - Binli Zuo	135 Beneficial Use of Dredged Marine Sediments as Backfill In Reinforced Soil Systems - Rejin Raj P	098 Performances of PET-based geogrids installed in high-alkalinity environment - Gianluca Spadaro	
		105 Optimizing Rail Track Performance Through the Use of Recycled Rubber Energy-Absorbing Grids - Suwan Udana De Silva Hettiyahandi	152 Climate resistance of GCL-reinforced sealing systems based on lysimeter testing - Lars Vollmert	199 An assessment of drainage geocomposites for today's construction projects - Michael Bates	
		108 Geogrid in railways - a deemed-to-comply or still a deviation? - Darrel Cheong	224 Advancing environmental resilience with innovative nature-based ge-construction solutions - Intan Nor Zuliana Baharuddin	000 Inverted barriers in tailings storage facilities: lessons learnt - Edoardo Zannoni	
12:30	Lunch & Exhibition				13:30
Room	Boulevard Auditorium	Boulevard B1	Boulevard B2	Boulevard B3	Room
13:30	Barriers TCB session	Hydraulics TCH session	Stabilisation TCS session	Reinforcement TCR session	15:00
15:00					Conference Closing Ceremony