

**11ICG\_Oral Presentation List (As of 04.09.2018)**

Code	Session Title	Date	Time	Room	Presentation Code	Full paper no.	Paper Title	Presenter	
S01	Geosynthetics Encased Stone Column	09-18	09:00-10:30	101	S01-01	AF0369	Stability of geosynthetic-encased stone columns under embankment load	Jianfeng Chen	China
					S01-02	AF0611	First step to model the installation effect of geosynthetic encased sand columns on existing columns	Sparsha Sinduri Nagula	Germany
					S01-03	AF0066	Geotextile encased columns for reducing the heave potential of expansive clays	Pietro Rimoldi	Italy
					S01-04	AK0597	Behavior of geosynthetic encased stone columns (GESC) under cyclic loading; Experimental study	Qaisar Abbas	Korea
					S01-05	AF0171	An experimental study to increase bearing capacity and reduce bulging of stone columns using geogrid reinforced sand bed	Ashim Dey	India
					S01-06	AF0365	Analysis of the performance of encased granular columns based on laboratory and field test data	Jayapal J	India
					S01-07	AF0660	Two measurement programs of a 'classic' and of a 'novel' geosynthetic structure	Dimitre Alexiew	Germany
S02	Durability and Long Term Performance - Reinforcement	09-18	09:00-10:30	102	S02-01	AF0200	Lifetime Prediction of High Tenacity Polyester Yarns for Hydrolytic Degradation used for Soil Reinforcement	Hyun-Jin Koo	Korea
					S02-02	AF0488	Long term effect of creep strength of geosynthetics damaged during construction	Masaaki Yokoyama	Japan
					S02-03	AF0101	Polyvinyl Alcohol Yarns Long Term Properties Characterization and Assessments. Part I: Physical behavior - Consequences of water affinity	Yan Bian	France
					S02-04	AF0102	Polyvinyl Alcohol Yarns Long Term Properties Characterization and Assessments. Part II: Chemical durability	Yan Bian	France
					S02-05	AF0110	Exhumation of Geotextiles from a Geosynthetic Reinforced Bridge Abutment After 17 Years of Service	George Koerner	USA
					S02-06	AF0198	Acceleration of chemical degradation of polyester reinforcement products under mechanical stress in high alkaline conditions	Oliver Detert	Germany
S03	Roads and Railways Applications – Railway Application	09-18	09:00-10:30	103	S03-01	AF0500	The influence of geosynthetics on the oscillations amplitude of railway subgrade	Anastasia Konon	Russia
					S03-02	AF0658	Geosynthetics in railway constructions - groundwater protection	Jong Hao Su	Malaysia
					S03-03	AF0094	Design and construction of GRS integral bridges for railways	Masayuki Koda	Japan
					S03-04	AF0065	Modelling of geogrid-reinforced ballast under direct shear and impact loading	Ngoc Trung Ngo	Australia
					S03-05	AF0095	Design and construction of various type GRS structures for a new high-speed railway	Daisuke Soga	Japan
					S03-06	AF0217	Geosynthetic Reinforced & Unreinforced Rail track Foundation Comparison of Analytical Methods and Numerical Modelling	Ratnakar Mahajan	India
S04	Properties and Testing – Liners	09-18	09:00-10:30	104	S04-01	AF0318	Hydraulic Conductivity of non-prehydrated and prehydrated Attapulgite-Polymer Bentonite GCLs	Ali Hakan Oren	Turkey
					S04-02	AF0364	Hydraulic barrier performance of zeolite-amended clay liners against calcium chloride solution	Toru Inui	Japan
					S04-03	AF0319	Water content, swell index and cation exchange of GCLs due to subsoil hydration	Tugce Ozdamar Kul	Turkey
					S04-04	AF0544	Impact of wet-dry cycles on the hydraulic conductivity and swell pressure of a polymer modified bentonite.	Adam Bezuijen	Belgium
					S04-05	AF0528	New Techniques for Predictive Geomembrane Stress Crack Performance	Boyd Ramsey	USA
					S04-06	AF0127	Effect of bentonite mass per unit area on the desiccation of geosynthetic clay liners under high temperature and low overburden pressure	Bowei Yu	Australia
S05	Ground Improvement – Reinforced Foundation 1	09-18	09:00-10:30	105	S05-01	AF0780	Behaviour of embankment over soft clay supported by geogrid and concrete piles	Eun Chul Shin	Korea
					S05-02	AF0376	Stress-strain response of sand reinforced with a geocomposite	Margarida Pinho-Lopes	UK
					S05-03	AF0778	Use of geosynthetics for subgrade stabilization	Saurabh Vyas	India
					S05-04	AF0777	Numerical modelling of geocell reinforced foundation beds	Ramesh Gedela	India
					S05-05	AF0754	Soil Improvement with mini jetgrout columns and geogrid reinforced mechanical fill system under a machine foundation	Ozan Dadasbilge	Turkey
					S05-06	AF0705	Experimental investigation of the stabilization performance trends of two geogrids constructed on low bearing capacity subgrade	Serdal Terzi	Turkey
S06	Ground Improvement – Reinforcement 1	09-18	11:00-12:30	101	S06-01	AF0676	Using geosynthetics for soft ground stabilization in the approach to the Volhov River Bridge	Andrei Petriaev	Russia
					S06-02	AF0137	Investigation of vertical stress behavior for reinforced models	Erol Guler	Turkey
					S06-03	AF0490	Excavation countermeasures utilizing geocell at the foundation ground of the river embankment	Kentaro Mori	Japan
					S06-04	AF0096	Effects of glass fibres on the shear strength of sandy soil	Rajesh Pathak	India
					S06-05	AF0297	Shear strength behavior of silty soil reinforced with basalt fiber	Sedat Sert	Turkey
					S06-06	AF0243	Design of Container Yards Paving Using Geocells	Suraj Vedpathak	India
S07	Roads and Railways Applications – Road Application 1	09-18	11:00-12:30	103	S07-01	AF0197	Influence of Base Course Thickness on the Deformation Behavior of Geogrid-Reinforced Pavement	Aung Aung Soe	Japan
					S07-02	AF0757	Numerical modelling of geosynthetic-reinforced unpaved roads using FLAC 2D	Gundrathi Narendra Goud	India
					S07-03	AF0143	Reinforcement ratio of road pavement grained layers with application of geosynthetic materials	Igor Gameliak	Ukraine
					S07-04	AF0226	Influence of geosynthetic reinforcement on unpaved road performance after surface maintenance	Ivonne Alejandra Gutierrez Gongora	Brazil
					S07-05	AF0453	Estonian guideline for pavement geosynthetics	Sven Sillamae	Estonia
					S07-06	AF0737	Stress Responses of Geosynthetic-Reinforcement Pavement Foundation	Jason Wright	USA

Code	Session Title	Date	Time	Room	Presentation Code	Full paper no.	Paper Title	Presenter	
S08	Filtration, Drainage and Erosion Control – Erosion Control	09-18	11:00-12:30	104	S08-01	AF0262	Geotextile Tube as an Alternate Solution for Coastal Remediation	Dandung Sri Harninto	Indonesia
					S08-02	AF0182	Green Revetment Solutions for Riverbank Erosion Protection	Jun Yuen Tan	Malaysia
					S08-03	AF0124	Case Study: Use of Terramesh to recovery erosions in tailings and water reservoirs	Rafaela Baldi Fernandes	Brazil
					S08-04	AF0326	Performance evaluations of erosion and sediment control BMPs using independent full-scale simulations	Sam Allen	USA
					S08-05	AF0206	Construction methodology and dimensioning of Silt Fences: Scientific, normative and laboratorial review	Delma Vidal	Brazil
					S08-06	AF0395	Analysis and Recovery Proposal for Erosion Process Located in the city of Planaltina-GO	Roberto Pimentel De Sousa Junior	Brazil
S09	Ground Improvement – Model and Laboratory Testing	09-18	13:30-15:30	101	S09-01	AF0203	Mitigation of liquefaction-induced ground displacement by using gravel and geosynthetics – Validation by model experiment	Hendra Setiawan	Japan
					S09-02	AF0457	Experimental and numerical investigate on single fiber pull-out from cement stabilized soil	Qiang Li	China
					S09-03	AF0810	Geocell mattress for high embankments on black cotton soil	G. Venkatappa Rao	India
					S09-04	AF0602	Laboratory investigation of geosynthetics reinforcement for the prevention of sinkhole formation induced collapse	Qaisar Abbas	Korea
					S09-05	AF0142	Evaluation of the shear strength properties of expanded polystyrene geofoam using direct shear test	Jnanendra Nath Mandal	India
					S09-06	AF0380	Case study: performance of a geogrid stabilised working platform constructed over extremely soft dredged silt	Michael Dobie	Indonesia
					S09-07	AF0635	Case Study of Ground Improvement Using PVD for Reinforced Earth Wall	Dola Roychowdhury	India
					S09-08	AF0309	Reduced Scale Laboratory Physical Model for a Geotextile Reinforced Embankment under Groundwater Flow	Abdullah Tolga Özer	Turkey
S10	Soil-Geosynthetic Interaction – Interface Behavior 1	09-18	13:30-15:30	102	S10-01	AF0472	Assessment of the interface shear strength between HDPE geomembrane and tropical soil by the direct shear test	Sergio Luiz Da Costa Junior	Brazil
					S10-02	AF0015	Geosynthetic interface displacements during the construction of a landfill cap	Katarzyna Zamara	New Zealand
					S10-03	AF0312	Laboratory Investigation on Circular Aperture Geogrids Reinforced Soil Interface Properties	Mengxi Zhang	China
					S10-04	AF0432	Cell-size effect on the pull-out resistance of square-shaped geocells embedded in gravelly soils	Zelong Xu	Japan
					S10-05	AF0294	Experimental study of shear behavior of soil-geosynthetic interface by large scale direct shear test	Shijin Feng	China
					S10-06	AF0144	Some aspects concerning the laboratory evaluation of geosynthetic interface friction	Pietro Pezzano	Italy
					S10-07	AF0600	Experimental Investigation on mechanical behavior of Geomembranes	Weijun Cen	China
					S10-08	AF0580	Strain and stress controlled geosynthetic interface testing	Gokhan Baykal	Turkey
S11	Reinforced Walls and Slopes – Analysis and Modeling 1	09-18	13:30-15:30	103	S11-01	AF0185	Deformations of reinforced-soil retaining walls	Krystyna Kazimierowicz-Frankowska	Poland
					S11-02	AF0040	Coupled Hydro-mechanical Analysis of a Multi-tier Geosynthetic-Reinforced Soil Slope Subject to Rainfall Infiltration	Kuo-Hsin Yang	Taiwan
					S11-03	AF0704	Numerical analysis of uplift capacity of strip plate anchors in reinforced and unreinforced cohesionless soils	Bilal Korkmaz	Turkey
					S11-04	AF0107	Analysis of bearing capacity of reinforced retaining structures	Jan Derksen	Germany
					S11-05	AF0685	Numerical study of facing type effects on reinforced soil walls response under service and seismic loads	Mohammadreza Kashkooli	Iran
					S11-06	AF0085	Physical modelling studies of the effect of surcharge on the behavior of geogrid reinforced soil walls	Mauricio Ehrlich	Brazil
					S11-07	AF0584	Common Mistakes in Designing MSE Wall with Finite Element Method	Tjie Liong Gouw	Indonesia
					S11-08	AF0218	Numerical simulation of soil nailed retaining systems with geosynthetic reinforcement as the facing support	Arash Alimardani Lavasan	Germany
S12	Case Histories – Barrier Systems	09-18	13:30-15:30	104	S12-01	AF0782	The use of PVC geomembranes in tunnels and underground structures-special testable and repairable waterproofing systems	Massimo Cunegatti	Italy
					S12-02	AF0776	Long-time behavior of exposed geomembranes used for the upstream face rehabilitation of concrete and masonry dams	Daniele Cazzuffi	Italy
					S12-03	AF0475	Stability of two landfills against sliding along interfaces of geosynthetics in base lining systems	Riya Bhowmik	India
					S12-04	AF0074	Engineering compliance – East London Regional Waste Disposal Site – A Case Study	Nash Dookhi	South Africa
					S12-05	AF0109	Case History of a 22-Year Old Geomembrane Liner at a Domestic Waste Landfill	George Koerner	USA
					S12-06	AF0112	Bituminous Geomembranes Performance for Projects in High Seismicity Regions	Rob McIlwraith	Australia
					S12-07	AF0071	Regulations and Recommendations describing the Use of Geosynthetic Barriers - A brief Summary of regulated Applications	Kent Von Maubeuge	Germany
					S12-08	AF0508	Repairs Underwater of a HDPE Liner by using a bituminous geomembrane of a density more than 1	Natalie Daly	Canada
					S12-09	AF0162	Leak location liner system in environmental containments --- China experience	Yongya Zheng	China

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S13	Ground Improvement – Vertical Drain	09-18	16:00-17:30	101	S13-01	AF0264	The Effect of Rapid Conventional Preloading on PVD Works Under Compressible Soil Based on Geotechnical Monitoring Data	Dandung Sri Harninto	Indonesia
					S13-02	AK0175	Experimental research on soft ground improvement incorporating vertical drains with heating	Beom Jun Kim	Korea
					S13-03	AF0748	Equivalent reduction coefficient analysis of bending flow capacity for plastic vertical drains	Jing Wang	China
					S13-04	AF0700	Studying the behavior of soft soil improved with prefabricated vertical drains. Case study	Mohamed Ayeldeen	United Arab Emirates
					S13-05	AF0718	Numerical modelling of vacuum suction distribution and its effects in ground improvements with PVD vacuum consolidation	Poorna Kumarage	Australia
					S13-06	AF0691	Ground Improvement with PVD at Haldia, West Bengal, India: A Case Study with Numerical Validation	Dola Roychowdhury	India
					S13-07	AK0609	An axisymmetric unit cell solution of PVD-improved soft soil considering a varied discharge capacity	Ba Phu Nguyen	Korea
S14	Sustainability and Green Technology Applications 1	09-18	16:00-17:30	102	S14-01	AF0749	Green technology with geosynthetics prevent environment from railway dangerous pollutants	Andrei Petriaev	Russia
					S14-02	AF0266	Test Procedure for the estimation of the service life of PVC-P-based geosynthetic barriers (GBR-P) in road tunnel sealing systems	Ingo Kaundinya	Germany
					S14-03	AF0697	Repairs on Exposed Geomembrane Liners	Catherine Boyle	Australia
					S14-04	AF0189	Sustainable Rehabilitation of a Highway Slope Failure with Geosynthetics	Amy Tang	Taiwan
					S14-05	AF0187	Carbon footprint in geotechnical constructions and geosynthetics impact on the environment	Viktor Toth	Slovakia
					S14-06	AF0028	Sustainable and environmentally friendly reinforced soil slopes and walls constructed with draining geogrids: recent UK experience	Moreno Scotto	UK
S15	Reinforced Walls and Slopes – Case Study 1	09-18	16:00-18:00	103	S15-01	AF0420	Application of reinforced soil structure in Dulong mining expansion project	Bo He	China
					S15-02	AF0628	The engineering example of anti-seismic wrap-styled reinforced earth retaining wall in Guangtong to Dali Railway	Changqing Liu	China
					S15-03	AF0577	Pirca stabilization using geogrids in Carabayllo - Peru	Noelia Valderrama	Peru
					S15-04	AF0664	Case study on deformation of reinforced soil wall using geo-textiles	Hijiri Hashimoto	Japan
					S15-05	AF0268	Reinforced Soil Wall for a working platform for 1000 Ton Crane and TBM machine: Elan Valley Aqueduct, Bleddfa, Wales, UK.	Patricia Guerra-Escobar	UK
					S15-06	AF0596	Damage of geogrid reinforced soil wall caused by extreme load - Japanese case histories	Yoshihisa Miyata	Japan
					S15-07	AF0771	A geogrid reinforced steep slope 60.0 m high for the stabilisation of the Valpola landslide in Northern Italy	Piergiorgio Recalcati	Italy
					S15-08	AF0184	From false abutment to true abutment using MSEW with polymeric reinforcement: the Lanseria International Airport	Edoardo Zannoni	South Africa
S16	Innovative Uses and New Developments 1	09-18	16:00-17:30	104	S16-01	AF0423	Shaking table tests on combined use of EPS and geogrid to improve seismic stability of bridge abutments	Takeharu Konami	Japan
					S16-02	AF0196	Analysis of interaction of geosynthetics and collapsible soils on the examples of the use in Kazakhstan	Tymarkul Muzdybayeva	Kazakhstan
					S16-03	AK0816	Impacts of EPS inclusion density and backfill soil type on earth pressure reduction around a buried pipe	Hobi Kim	Korea
					S16-04	AF0606	The use of geosynthetic materials in special engineering geological conditions of the Far East	Sergey Kudryavtsev	Russia
					S16-05	AF0819	Reliability estimation of reinforced structures under initial data uncertainty	Evgeniy Fedorenko	Russia
					S16-06	AK0444	Applicability of insulation layer on thermal performance of energy slab	Seokjae Lee	Korea
S17	Ground Improvement – Reinforcement 2	09-19	09:00-10:30	101	S17-01	AF0549	Influence of slurry density on strength and deformation property of liquefied stabilized soil reinforced with fiber	Anh Tuan Do	Japan
					S17-02	AF0484	Case study on the deformation control method for embankment during liquefaction by using geosynthetics sandwiched with gravels	Mikio Kubo	Japan
					S17-03	AF0163	Cellweb Tree Root Protection (TRP): System specially designed to protect trees and their root system.	Patricia Guerra-Escobar	UK
					S17-04	AF0193	Relevant properties of geosynthetic reinforcements on the interaction behavior under static and cyclic load conditions	Oliver Detert	Germany
					S17-05	AF0191	Design approach for the self-regulating interactive membrane foundation system for embankment construction on very soft soils	Oliver Detert	Germany
					S17-06	AF0781	Geosynthetics permeated with soil bio-stabilization agent	Dimitrios Terzis	Switzerland
					S17-07	AF0502	Study on the effects of deformation control for embankment during liquefaction by using geosynthetics sandwiched between gravel	Ryo Hashimoto	Japan

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S18	Properties and Testing – Reinforcement 1	09-19	09:00-10:30	103	S18-01	AF0736	Application of layered composite theory for predicting the mechanical properties of geotextiles	Umit Halis Erdogan	Turkey
					S18-02	AF0585	Damage of geotextile due to impact of stones	Adam Bezuijen	Belgium
					S18-03	AF0430	Flexural properties of a composite geofoam-geogrid material for use in embankments on polygonal ground	Earl Marvin De Guzman	Canada
					S18-04	AF0605	Correlation between standard accelerated UV tests and onsite UV degradation for high strength woven polyester reinforcement geotextiles in New Zealand	Gordon Stevens	New Zealand
					S18-05	AF0350	Evaluation of Soil-reinforcement Shear Band in Geosynthetic-reinforced Soil Systems	Jorge G. Zornberg	USA
					S18-06	AF0117	Determine Geotextile-Geomembrane Interface Frictional Properties Using Inclined Plane Test	S.hamid Lajevardi	Iran
					S18-07	AF0633	Characterization Of Expanded Polystyrene-Ferrocement Geomat	Fauziah Ahmad	Malaysia
					S18-08	AF0033	Experimental evaluation of the pullout resistance of polymeric strips within uniform sand and lateritic silty soil	Gregorio Luis Silva Araujo	Brazil
S19	Roads and Railways Applications – Road Application 2	09-19	09:00-10:30	104	S19-01	AF0409	An Australian approach for designing geogrid reinforced flexible pavements	Amir Shahkolahi	Australia
					S19-02	AF0499	Load settlement behavior of Reclaimed Asphalt Pavement (RAP) reinforced with Polymer geogrid	Dulal Chandra Saha	India
					S19-03	AF0640	Applications of Natural Geotextiles in Asphalt Overlays to Retard Reflection Cracking	Ramesh Gedela	India
					S19-04	AF0579	Large Scale Tests for Geogrid Reinforced Unpaved Roads	Aykan Mert	Turkey
					S19-05	AF0128	Evaluation of the Effectiveness of Permeable Paver in Sight of Water Presence	Bruna Gabrielly Oliveira Ribeiro	Brazil
					S19-06	AF0260	Evaluation of the performance of geotextiles using Finite Element Analysis in the settlement results: A case study in Kayseri, Turkey	Hakan Yalcin	Turkey
S20	Soil-Geosynthetic Interaction – Pullout and Reinforcement	09-19	09:00-10:30	105	S20-01	AF0665	Assessment of behavior of soil-geocell pullout capacity	Adem Işık	Turkey
					S20-02	AF0418	Compressive Strength Behaviour of Glass Fibre Reinforced Blast Furnace Slag-Based Material	Daipayan Mandal	India
					S20-03	AF0578	Specimen size effects in triaxial testing of geotextile reinforced sand	Nandhi Varman A M	India
					S20-04	AF0335	Small-Strain Dynamic Properties of Sand-EPS bead Mixtures	Rami M. El Sherbiny	Egypt
					S20-05	AF0399	Deformation properties of geosynthetic reinforced gravel at small strain range	Stanislav Lenart	Slovenia
					S20-06	AF0351	A Study on the Effect of Scale and Testing Method on Soil-Geosynthetic Interaction	Jorge G. Zornberg	USA
S21	Ground Improvement – Reinforced Foundation 2	09-19	11:00-12:30	101	S21-01	AF0623	FLAC based 3D numerical analysis of machine foundations resting on geosynthetics reinforced soil bed	Hashti Venkateswarlu	India
					S21-02	AF0052	Bearing capacity of reinforced soil under a strip footing: centrifuge tests	Margarida Pinho-Lopes	UK
					S21-03	AF0632	Influence of Prestress on the Behaviour of Footings resting on Reinforced Foundation Beds	Jayamohan Jayaraj	India
					S21-04	AF0545	Effect of anchor system on bearing capacity of coir geotextile reinforced beds	Jayasree PK	India
					S21-05	AF0721	Tire Chips Reinforced Foundation as Liquefaction Countermeasure of Residential Building	Hemanta Hazarika	Japan
					S21-06	AF0706	Effect of geofoam location and density on the improvement of buried flexible pipe	Berkan Soylemez	Turkey
S22	Barrier Systems 1	09-19	11:00-12:30	102	S22-01	AF0515	The evolution of melt thermograms of HDPE, LLDPE and blended geomembranes incubated at 105° C	R. Kerry Rowe	Canada
					S22-02	AF0696	Predicting the depletion of antioxidants in high density polyethylene (HDPE) under sunlight using the reciprocity law	Yick Grace Hsuan	USA
					S22-03	AF0732	Visualization of bentonite desiccation during thermal cycling using X-ray CT	Toshifumi Mukunoki	Japan
					S22-04	AF0522	Analysis of the Effect of a White Coextruded Layer on the Development of Solar Radiation-Induced Wrinkles in Polyethylene Geomembranes	David Beaumier	Canada
					S22-05	AF0595	A comparison of HDPE geomembranes for response to strains that may be associated with stress cracking	Ian Fleming	Canada
					S22-06	AF0223	Lining of Mine Residue Storage Facilities	Michael Sadlier	Australia
S23	Reinforced Walls and Slopes – Analysis and Modeling 2	09-19	11:00-12:30	103	S23-01	AF0370	Seismic analysis of Gravity retaining wall with EPS Geofoam inclusion	Alekhya Boyanapalli	India
					S23-02	AF0048	Simple constitutive models to study the influence of installation damage on the load-strain response of two geogrids	Antonio Paula	Portugal
					S23-03	AF0287	Numerical Analysis of Shored Reinforced Soils Walls	Ratnakar Mahajan	India
					S23-04	AF0235	Analysis of force and deformation characteristics in geosynthetic-reinforced structures	Shu-Gang Ai	China
					S23-05	AF0618	Laboratory Evaluation of Deformations of Geosynthetic-Reinforced Retaining Walls Subjected to Footing Loading	Jie Han	USA
					S23-06	AF0064	Horizontal displacements of reinforced soil walls from Limit Equilibrium calculations	Pietro Rimoldi	Italy
S24	Coastal and River Protection	09-19	11:00-12:30	104	S24-01	AF0541	Performance of Pilot Test of Geotextile Tube Filled with Lightly Cemented Clay	Hor Mun Audrey Yim	Singapore
					S24-02	AF0542	A Filtration Concept for Woven Geotextile with Flocculated Fine Grain Soil	Zi Xun Eng	Malaysia
					S24-03	AF0050	A Mekong Delta Experience: Protecting the Riverbanks with Geosynthetics Sand Containers	Jong Hao Su	Malaysia
					S24-04	AF0161	Bioengineering Approach for Shoreline Protection using Geosynthetics: A Malaysian Perspective	Lum Kong Lim (Albert Lim)	Malaysia
					S24-05	AF0379	Resistance of Geosynthetics Reinforced Coastal Dykes against Over-topping Tsunami	Yoshiaki Kikuchi	Japan
					S24-06	AF0806	Numerical Modeling of Liquefaction Potential in Fill Material of Geosynthetic Cellular System (Gcs) Subjected to Wave Loads	Seyed Mohammad Mehdi Madani	Iran

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S25	Innovative Uses and New Developments 2	09-19	13:30-15:30	101	S25-01	AF0724	An investigation of a hybrid of stone and concrete columns with geosynthetics	Denis Kalumba	South Africa
					S25-02	AF0548	Optimising storage terminal asset integrity and safety through the use of emerging materials, technologies and innovation	Lim Chong	Malaysia
					S25-03	AF0225	Current Developments and Trends for Water Reservoir Renovation with Geosynthetics	Michael Sadlier	Australia
					S25-04	AF0503	Case study on the low improvement ratio deep mixing method utilizing geosynthetics	Yoshinao Kurachi	Japan
					S25-05	AF0265	Redmud containment using composite reinforced soil structure; a green perspective	Minimol Korulla	India
					S25-06	AF0089	BIM and Geosynthetics	Pietro Pezzano	UK
					S25-07	AF0449	In-situ tests of countermeasure technique for the frost heave on cut slopes using geocell and thermal insulation material	Ryosuke Ogasawara	Japan
					S25-08	AF0784	Multi-criteria assessment of the landfill capping profile, an innovative engineering approach to select capping system	Siamak Paulson	Australia
S26	Filtration, Drainage and Erosion Control – Drainage	09-19	13:30-15:30	102	S26-01	AF0146	Performance Evaluation of Geomat Drainage Geocomposites and Case Histories	Aigen Zhao	USA
					S26-02	AF0271	Hydraulic transmissivity temperature and flow condition effects and correction formulation for typical drainage products	Chiwan Hsieh	Taiwan
					S26-03	AF0459	Use of an electrically conductive drain-tube planar geocomposite (eGCP) for accelerating the dewatering of mine tailings	Eric Blond	Canada
					S26-04	AF0289	Minimizing clogging of geosynthetic drainage - Mechanism of erosion of adjacent soil particles	So Takezaki	Japan
					S26-05	AF0111	Geosynthetic Drainage Geocomposite Materials Connections and Attachments	George Koerner	USA
					S26-06	AF0331	Assessment of long term water flow capacity of geocomposites	Guillaume Stoltz	France
					S26-07	AF0044	Comparison of 1-D and 2-D Geotextile Dewatering Tests with fly ash slurry	Nuzhath Fatema	USA
					S26-08	AF0747	The state of the art and new tri-planar drainage composite for landfill cappings	Adrià González	Spain
S27	Reinforced Walls and Slopes – Design and Construction Issues	09-19	13:30-15:30	103	S27-01	AF0156	Long-term Measurement of Frost-Heave Deformation in Geotextile-Reinforced Soil Walls	Naoki Tatta	Japan
					S27-02	AF0516	Design Considerations of High Reinforced Soil Structures in a Mountainous and Seismically Active Region in Luzon, Philippines	Jose Carlo Eric Santos	Philippines
					S27-03	AF0388	Comparison of Various Types of MSE Wall Facings	Nelson Chou	Taiwan
					S27-04	AF0291	Design, Construction and Monitoring of Polymeric Strip Reinforced Soil Founded on Soft Soil	Ratnakar Mahajan	India
					S27-05	AF0514	Engineering Performance Assessment of a Reinforced Soil Retaining Wall Founded on Unstable Ground	Bo Zhang	UK
					S27-06	AF0334	Effect of geogrid-facing connection on MSE wall deformations induced by laterally loaded piles	Jie Han	USA
					S27-07	-	Design and construction of reinforced walls in Italy in complex static and seismic conditions	Pietro Rimoldi	Italy
					S27-08	AF0188	The design of soil reinforced structures with thin concrete facing panels under railways	Juraj Ortuta	Slovakia
S28	Barrier Systems 2	09-19	13:30-15:30	104	S28-01	AF0103	The “zero leakage” approach and German regulations for geosynthetics used in landfill liner and capping systems	Andreas Woehlecke	Germany
					S28-02	AF0081	Effect of Dual Track Wedge Welding at 30°C Ambient Temperature on Post-weld Geomembrane Oxidative Induction Time	R. Kerry Rowe	Canada
					S28-03	AF0072	MULTI-Component Geosynthetic Clay Liner Improves Barrier Applications	Kent Von Maubeuge	Germany
					S28-04	AF0773	New developments in polyethylene materials for geomembrane applications	Kumhoong Lou	Singapore
					S28-05	AF0025	Soil-water characteristics curve of geosynthetic clay liners: Effects of temperature and void ratio	Ali Ghavam-Nasiri	Australia
					S28-06	AF0455	Applicability of the equivalent coefficient of permeability in geomembrane lining systems having defects	Eun Chul Shin	Korea
					S28-07	AF0133	Asperity height or asperity concentration: what matters more for interface shear resistance on textured polyethylene (PE) geomembranes?	Hermann Ng	Thailand
					S28-08	AF0527	Developments and guidance in global geosynthetic specification and regulations	Boyd Ramsey	USA
S29	General Geotechnics – Foundations, Slopes and Retaining Walls	09-19	13:30-15:30	105	S29-01	AK0177	A Study on Mechanically Stabilized Earth Wall Lateral Displacements Reinforced with Geosynthetics and Steel Strips Using GeoStudio (2D) and Plaxis 3D	Christine Langcuyan	Korea
					S29-02	AF0750	Finite Element Analysis of Multi-tiered Reinforced Fly Ash Wall Using PLAXIS 3D	Jnanendra Nath Mandal	India
					S29-03	AK0442	Stability analysis of a steep slope reinforced with pressure-grouted soil nails	Sangseom Jeong	Korea
					S29-04	AK0437	Comprehensive study on construction and design method for cast-in-place energy piles	Sangwoo Park	Korea
					S29-05	AF0213	2-D numerical investigation on load transfer in pile-supported fill platforms subjected to cyclic loading	Zhen Zhang	China
					S29-06	AK0558	Slope surface treatment using a bio-soil approach	Jooyoung Im	Korea
					S29-07	AF0446	Evaluation on heat exchange efficiency of coaxial-type ground heat exchanger	Seokjae Lee	Korea
					S29-08	AF0583	Green Terramesh Retaining Wall as Embankment Fill at V27 Viaduct in North Marmara Highway Project	Serap Kaymakci	Turkey

Code	Session Title	Date	Time	Room	Presentation Code	Full paper no.	Paper Title	Presenter	
S30	Sustainability and Green Technology Applications 2	09-19	13:30-15:30	205	S30-01	AF0075	Proof of the effectiveness of asphalt reinforcement and evaluation of the applicability into an existing design method	Arash Alimardani Lavasan	Germany
					S30-02	AF0775	Uranium ore treatment tailings ponds remediation: a German case	Laura Carbone	Germany
					S30-03	AF0727	Slope Reinforcement Using HDPE uniaxial Geogrid	Hendra Hidayat	Indonesia
					S30-04	AF0702	Comparative study: Oven tests and High-pressure autoclave tests (HPAT) on one commercially available PE-HD material	Anja Martin	Germany
					S30-05	AF0708	Results of full-scale field impact load tests on HDPE pipes with geogrid protective layer	Sami Oguzhan Akbas	Turkey
					S30-06	AF0362	A tensile test device for evaluation of load-strain behavior of geosynthetics under operational conditions of reinforced soil walls	Fernando Portelinha	Brazil
					S30-07	AK0569	Degradability Evaluation of Green Geosynthetics from Durability and Eco-friendly Application Perspectives	Han-Yong Jeon	Korea
					S30-08	AK0576	Proposal of Evaluation Analysis and Long-Term Performance of Geomembrane with Material Composition through Stress Crack Tests	Han-Yong Jeon	Korea
S31	Filtration, Drainage and Erosion Control – Filtration	09-20	09:00-10:30	103	S31-01	AF0026	A comparative study: Capillary Flow Porometry and Dry Sieving test results for geotextiles	Nuzhath Fatema	USA
					S31-02	AF0211	Environmental conditions for the ochre formation in geotextile filters	Mauricio Ehrlich	Brazil
					S31-03	AF0482	Experimental and parametric study of clayey sludge filtration by various geotextiles	Philippe Delmas	France
					S31-04	AK0506	Hydraulic Deterioration of Geotextile Filters in Tunnel Drainage System	Kang-Hyun Kim	Korea
					S31-05	AF0441	Evaluation of Geotextile Filter Application in Embankment Dams with Artificial Neural Network	Ali Rahimi	Iran
					S31-06	AF0222	A review of theoretical methods for quantifying the number of constrictions in nonwoven geotextile filters	Delma Vidal	Brazil
S32	Soil-Geosynthetic Interaction – Soil-Geosynthetic Interface Behavior 2	09-20	09:00-10:30	104	S32-01	AF0716	Interaction behavior of soil and geogrid reinforcement	Alireza Tatari	UK
					S32-02	AF0622	Direct Shear Behaviour of Copper Slag-Geogrid Interfaces	Sunil Ahirwar	India
					S32-03	AF0431	Interface properties of geotextiles with and without wicking function	Earl Marvin De Guzman	Canada
					S32-04	AF0743	Investigation of Sand-Geotextile Interface behavior by Laminated Shear Test	Chao Xu	China
					S32-05	AF0323	The influence of cyclic loading histories on soil-geogrid interface behaviour under pullout conditions	Marilene Pisano	Italy
					S32-06	AF0713	Shaking Table Experiments on Soil Isolation Using Geosynthetics for Medium Rise Buildings	Ayse Edincliier	Turkey
S33	Ground Improvement - Reinforcement 3	09-20	09:00-10:30	105	S33-01	AF0723	A comparative study on the performance of geocells with synthetic and natural fibers	Balan K	India
					S33-02	AF0783	Analysis of reinforcement options for a partially saturated slope	Sabatino Cuomo	Italy
					S33-03	AF0642	Design of geosynthetics over areas prone to subsidence	Moreno Scotto	Italy
					S33-04	AF0158	Evaluation of mechanical properties on the degradation of fibers netting subjected to rainfall	Vivi Anggraini	Malaysia
					S33-05	AF0172	Design charts for low-height geotextile-reinforced sand slopes	Emmanuel Baah-Frempong	Australia
					S33-06	AK0278	Field Load Transfer Characteristics of Geotextile-Pack Micropile	Changho Choi	Korea
S34	Basal Reinforced Piled Embankment	09-20	11:00-12:30	102	S34-01	AF0164	A laboratory device to analyze the behavior of pile-supported embankment reinforced by geosynthetics	Abdelkader Abdelouhab	France
					S34-02	AF0677	Comparison of FHWA and BS8006 design methods for geosynthetic reinforcement over piles	Marco Isola	USA
					S34-03	AF0417	The Design Guideline Basal Reinforced Piled Embankments; the Dutch CUR226:2016 and the German EBGEO:2010; a comparison of design models and safety approaches	Suzanne Van Eekelen	Netherlands
					S34-04	AK0572	A simple parametric study on the distribution of geosynthetic strains in geosynthetic-reinforced piled embankment	Taehee Lee	Korea
					S34-05	AF0274	Reinforced embankments for the causeway for Pont Briwet Project, Penrhyndeudreath, North Wales, UK.	Patricia Guerra-Escobar	UK
S35	Properties and Testing – Reinforcement 2	09-20	11:00-12:30	103	S35-01	AF0712	Creep and Stress Relaxation Properties of Biaxial PP geogrids Under Low Loading Levels	Huabei Liu	China
					S35-02	AK0119	Experimental study on the field installation damage and pullout resistance of pocket-lug-type geosynthetics	Jaehyeung Jeoung	Korea
					S35-03	AF0173	Load-strain-time behaviours of a PP geogrid affected by temperature change histories	Warat Kongkitkul	Thailand
					S35-04	AF0087	Geosynthetic Cementitious Composite Mats - Essential Characteristics and Properties	William Crawford	UK
					S35-05	AF0192	Compilation of non-linear three-component model for simulations of rate-dependent load-strain-time behaviours of geogrids	Yodphao Punya-In	Thailand
					S35-06	AF0298	Assessment of the temperature influence on the tensile strength and elongation of woven geotextiles used in landfill	Anna Miszkowska	Poland
S36	Durability and Long Term Performance - Barrier	09-20	11:00-12:30	104	S36-01	AF0141	Hydraulic conductivity of a geosynthetic clay liner (GCL) from a composite liner after 12-yr of atmospheric exposure	Craig Benson	USA
					S36-02	AF0462	Effect of liner temperature on the long term stress cracking of HDPE Geomembranes under simulated field conditions	Fady Abdelaal	Canada
					S36-03	AF0734	Evaluation tests on PE-HD Geosynthetic Barriers after Exposure Tests	Helmut Zanzinger	Germany
					S36-04	AF0768	Temperature Effect on Diffusive Transport of Volatile Organic Compounds through a Composite Liner System	Jongwan Eun	USA
					S36-05	AF0730	How do Certification Schemes of Geosynthetics make expected Benefits of the Use of Geosynthetics More Reliable	Pierre Lebon	France
					S36-06	AF0368	Condition assessment of a 30-year old pond liner	Robert (bob) Wallace	USA

Code	Session Title	Date	Time	Room	Presentation Code	Full paper no.	Paper Title	Presenter	
S37	Hydraulic Applications	09-20	11:00-12:30	105	S37-01	AK0564	Experimental Analysis on the Stress and Strain of Geotextile-Reinforced Tubes During Filling and Dewatering of Dredged Soil	Peter Rey Dinoy	Korea
					S37-02	AF0728	Geotextile tubes as containment dykes and breakwater structures	Hendra Hidayat	Indonesia
					S37-03	AF0557	The Erosion Behavior of Revetments Using Geotextiles under Tangential Flow Condition	Chia-Chun Ho	Taiwan
					S37-04	AF0014	Experience with Geosynthetics in Canal Irrigation Projects supported by the World Bank	Herve Plusquellec	France
					S37-05	AF0250	Construction of flood protection dyke using poor draining backfill materials on the banks of river Ganges, India	Kiran Kumar Rumandla	India
					S37-06	AF0511	Bituminous Geomembrane in Hydraulic construction	Rob McIlwraith	Australia
S38	Innovative Uses and New Developments 3	09-20	11:00-12:30	205	S38-01	AF0018	Use of Geosynthetic Basal Reinforcement to Limit Lateral Spreading of Embankments Subjected to Earthquake Loadings	Chris Lawson	Malaysia
					S38-02	AF0116	A Smart Geotextile For Early Detection of Potential Transportation Substructure Failure	Kurt Rudahl	Thailand
					S38-03	AF0357	Characterization of an Instrumented GeoStrap® with Plastic Optical Fiber Bragg Gratings	Matthieu Aressy	France
					S38-04	AF0281	Use of multifunctional geocomposites as dampers for structures subjected to external vibrations	Tamas Szatmari	Hungary
					S38-05	AF0301	Advanced Multiple Leno Woven Geogrids with Enhanced Properties	Till Quadflieg	Germany
					S38-06	AF0327	Shaking table experiments on geotechnical seismic isolation for low-rise buildings using geosynthetics	Ayse Edincliiler	Turkey
S39	Reinforced Walls and Slopes – Seismic Consideration	09-20	13:30-15:30	103	S39-01	AF0411	Experimental Study of Unreinforced and Reinforced Soil Retaining Wall using Shake Table Facility	Arjunsil Sil	India
					S39-02	AF0269	Numerical study of seismic behavior of reinforced soil bridge abutments located on soft clays of southwest Iran	Mohammadreza Kashkooli	Iran
					S39-03	AF0427	Life cycle costs of geosynthetic-reinforced soil slopes subjected to an earthquake	Masahiro Shinoda	Japan
					S39-04	AF0317	Seismic Stability of Reinforced Soil Wall Considering Oblique Pull –Coherent Gravity Method	Pvsn Pavan Kumar	India
					S39-05	AF0157	The effects of the 2016 Kumamoto earthquake on Multi-Anchored Reinforcement Wall	Taketo Hayashi	Japan
					S39-06	AF0261	Geosynthetic Reinforced Earth System Design under Earthquake-prone Area Study Case : Jakarta and West Sumatera	Yustian Heri Suprpto	Indonesia
					S39-07	AF0710	Investigation of Seismic Performance of Geotextile Reinforced Embankments by Shake Table Tests and Numerical Modelling	Ayse Edincliiler	Turkey
S40	Barrier Systems 3	09-20	13:30-15:30	104	S40-01	AF0653	A new approach to correlate slow crack growth of HDPE nanocomposites with fracture toughness	Yick Grace Hsuan	USA
					S40-02	AF0145	Geomembrane puncture and strains from tire derived aggregate for use in landfill applications	Bryce Marcotte	Canada
					S40-03	AF0465	Why Covered Geomembrane Leak Location (Dipole) is Crucial on Any Impervious Work	Carl Charpentier	Canada
					S40-04	AF0069	Protection Geotextiles for Geomembranes in Landfill Applications	Kent Von Maubeuge	Germany
					S40-05	AF0088	Stability on slope of earthfill on geosynthetics lining systems	Guillaume Stoltz	France
					S40-06	AF0648	Performance of Geobarrier System under Rainfall Infiltration	Harianto Rahardjo	Singapore
					S40-07	AF0512	Bituminous geomembrane in Mine Construction	Rob McIlwraith	Australia
					S40-08	AF0114	Seismic behavior and numerical simulation of earth-fill dam with geosynthetic clay liner in shaking table test	Kyungbeom Jeong	Japan
					S40-09	AF0007	Loose Bag or Concrete Protection Liner (CPL): Batten Bars or CPL Embedment Strips?	Ian D. Peggs	USA
S41	Reinforced Walls and Slopes – Case Study 2	09-20	13:30-15:30	105	S41-01	AF0076	Reinforcement of an old retaining structure using soil containing fine particles and multifunctional geocomposite.	Alain Nancey	France
					S41-02	AF0147	Case study on the use of high hybrid MSE walls in mine industry	Hakan Ozcelik	Turkey
					S41-03	AF0766	Geosynthetic-reinforced soil structures, recent Indonesian case histories	Pietro Pezzano	Italy
					S41-04	AF0751	Performance of a mechanically stabilized earth retaining wall built on soft clay foundation improved by rammed aggregate piers in a trial embankment	Mark Morales	Philippines
					S41-05	AF0169	The application of a pile-restrained reinforced soil compound retaining wall in a highway project	Nigel Wrigley	UK
					S41-06	AF0023	Using reinforced embankments as solid waste retaining structures: The case of Café Unsanitary Dumpsite in the Municipality of Bar, Montenegro	Nikos Tsatsos	Greece
					S41-07	AF0021	Case histories on reinforced soil structures for municipal solid waste management in China	Liang Ding	Malaysia
					S41-08	AF0531	Deformation Analysis of geogrid reinforced soil retaining wall with full height of rigid wall facing damaged by the 1995 Hyogoken-Nanbu Earthquake	Susumu Nakajima	Japan
S42	General Geotechnics – Material Characterization and Analysis	09-20	13:30-15:30	205	S42-01	AF0701	Effect of Sand Paper Grading on the Shear Behaviours of Fine-grained Sand	Abdullah Ekinci	Turkey
					S42-02	AF0644	Features of using control equipment of investigation of soil regarding Kazakhstan norms and Eurocode	Assel Tulebekova	Kazakhstan
					S42-03	AK0593	Sand particle shape analysis by Fourier descriptors	Taesik Kim	Korea
					S42-04	AF0722	Effect of Partial replacement of stone dust with Portland Pozzolanic Cement as filler in waste plastic modified Bituminous mix	Tapash Roy	India
					S42-05	AF0744	On the interplay between seismic input energy and reinforcement strain	Cihan Cengiz	Turkey
					S42-06	AF0650	Strip footing on the top of fiber reinforced cemented sand slope I.Experimental study	Mohamed A. Sakr	Egypt
					S42-07	AF0019	Complex of research of retaining structure reinforced by geogrid	Rauan Lukpanov	Kazakhstan
					S42-08	AF0304	Effect of Swelling Endermic Liniment coated to Pile Surface with regards to the Reduction of Dragging of Surrounding Soil	Taichi Hyodo	Japan