

16th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (16ARC)

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			Mark F. Randolph
			C. Gaudin
Keynote III	IS-03	Construction engineer should play more major roles in sustainability of urban environment	Ikuo Towhata
Keynote IV	IS-04	Role of generic soil database in site-specific decision making	Jianye Ching
			K.K. Phoon
Mentoring Lecture	IS-05	Integrated solutions for geotechnical projects	Za-Chieh Moh
Invited Lecture I	IS-06	Stability analysis of soilbag retaining wall under seismic loading	Eun Chul Shin
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			S. Ladjal
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			A. Omarov
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			P.W. Noppadol
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			D. H. Natawijaya
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TC305-001	KAZ-006	Geoinformation database for installation of driving and boring piles in Astana	Nurgul Alibekova
			S. Akhazhanov
			A. Zhussupbekov
			M. Mimura
TC305-002	KAZ-007	Geotechnical issues of testing piles on construction site of Astana	Assel Tulebekova
			I. Zhumadilov
			S. Nurakov
			A. Zhussupbekov
TC305-003	KAZ-008	The experience of piling tests on Astana LRT construction site	A. Kudaibergen
			Askar Zhussupbekov
			A. Omarov
			N. Shakirova
TC305-004	KAZ-011	Mapping of frost penetration depth for highways in Kazakhstan	B. Abdrakhmanova
			D. Razueva
			Kurmangazy Tileu
			E. Suppes
TC305-005	KAZ-012	Temperature and moisture distribution in a highway in south Kazakhstan	K. Aitbayev
			B. Teltayev
			Bagdat Teltayev
			E. Suppes
TC305-006	RGS-003	The impact of slurry wall stiffness on settlements of neighboring buildings	K. Aitbayev
			Mangushev Rashid
			D. Sapin
			E. Lashkova
TC305-007	KAZ-015	Problem of the action of frozen soil to sustainability of the foundation	V. Smolenkov
			Zhanbolat Shakhmov
			G. Tleulnova
			A. Zhussupbekov
TC305-008	RGS-001	The laboratory investigation of load-bearing capacity of the metal pile depending on the local geocryological conditions	Y. Utepov
			Sergey Kudryavtsev
			V. Kovshun
			E.-C. Shin
TC305-010	KAZ-001	The use of conventional interpretation methods for determining the capacity of piles	Abdulla R. Omarov
			K. Borgekova
			A. Zhussupbekov
			B. Abdrakhmanova
TC305-011	KAZ-004	Methods of restoration of deformed retaining walls in seismic conditions	Y. Utepov
			D.-W. Chang
			Vitaliy Khomyakov
			N. Zhamek
Publish Only	KAZ-010	Re-consideration of liquefaction phenomena	Y. Yemenov
			Akitoshi Mochizuki
			A. Zhussupbekov
			G. Tanyrbergenova

SA03			
SA03-01-001	JGS-005	Analysis of the influence of phreatic surface position on the deformation of fill slope by using 1G shaking table tests	Hidehiko Murao
			K. Nakai
SA03-01-002	HKGES-005	Performances of a reinforced earth structure supporting a High-Speed Train Line – The outcome of 10 years of study	Dimitri Plantier
			J. Plancq
			Y. Bennani
SA03-01-003	JGS-001	A consideration of river embankment slip failure caused by seepage-induced foundation ground weakening	Takeshi Kodaka
			K.-T. Lee
			Y. Cui
SA03-01-004	IGS-020	Parametric study to evaluate critical core thickness for stability of earth and rockfill dams	Rajesh Khanna
			M. Datta
			G.V. Ramana
SA03-01-005	JGS-002	Subgrade reaction force of composite-type breakwater reinforced by embankment	Hidenori Takahashi
SA03-01-006	IRN-005	3D numerical analyses of behavior of a high rockfill dam with clay core in narrow canyon	Abbas Soroush
			A. Nabizadeh
			M. Pourakbar
SA03-01-007	JGS-003	Effect of foundation conditions on infiltration-induced water level rise in road embankment	Hirohiko Kusaka
			A. Takahashi
SA03-02-001	JGS-004	An estimation method of degree of compaction on embankment slope using the non-destructive testing method	Ryohei Ishikura
			S. Fujiwara
			N. Yasufuku
SA03-02-002	KGS-036	Feasibility study on coupled CFD-DEM modeling of soil erosion at the particle scale	Soo-Min Ham
			J. Petrie
			B. Muhunthan
			K. Zhang
			T.-H. Kwon
SA03-02-003	JGS-006	Development of a new aseismic reinforced construction method by using soil-bag stacks at the toe section of the embankment	Satsuki Kataoka
			T. Kuda
			S. Shibuya
			H. Nakazawa
			R. Tajima
			T.N. Lohani
SA03-02-004	IRN-015	Stability analysis of a railway embankment on a collapsible-dispersive stratum under transient flow	Mohammad Mehdi Ahmadi
			H. Sadeghi
			A. Kolahdooz
SA03-02-005	JGS-008	Dynamic analysis of partially saturated river embankment considering liquefaction using a multiphase coupled FEM analysis method	Sayuri Kimoto
			H. Yui
			F. Oka
SA03-02-006	KGS-046	Investigation of erosion behavior of biopolymer treated soil using laboratory hydraulic flume testing	Sojeong Lee
			I. Chang
			Y.-M. Kwon
			G.-C. Cho
			M. Chung
SA03-02-007	JGS-034	Study on vacuum consolidation combined with embankment loading through centrifuge model test and its 3D FEM analysis	Shinichirou Shiraga
			G. Hasegawa
			Y. Sawamura
			M. Kimura

SA03-02-008	PSSMGE-004	Geotechnical and seismic design considerations for earth dams in the Philippines	Patrick Adrian Y. Selda
			R.D. Quebral
			A.Q. Buenaventura-Paulino
			A.K. Alipio
			L.A.B. Morillo
			G.P.D. Reyes
			R.A.C. Luna
SA04			
SA04-01-001	CISMGE-002	Stability charts for granular embankments on soft soils with linearly increasing undrained strength	Guo Hui Lei
			H.M. Zhang
			F.X. Liu
			F. Zhang
SA04-01-002	CTGS-004	Investigation of deformation pattern and sliding mode in dip slopes using discrete element method	Cheng-Han Lin
			M.-C. Weng
			H.-H. Li
SA04-01-003	JGS-011	Earthquake-induced landslide susceptibility evaluation using regression equation of seismic residual displacement over a wide area	Masahiro Shinoda
			Y. Miyata
SA04-01-004	HKGES-007	Landslides in Hong Kong under the influence of climate change	Dongsheng Chang
			R.H.C. Law
			L.T.T. Fong
			R.W.H. Lee
SA04-01-005	PSSMGE-001	Assessment and mitigation of earthquake-induced landslides in Philippine infrastructure	Jenna Carmela C. Pallarca
			R.D. Quebral
			J.E.B.D. Santos
			R.E.B Cabungcal
			M.P.V. Follosco
			R.A.C. Luna
SA04-01-006	JGS-037	Development of a water-leading hose for enhancing drainage of groundwater and dewatering effect of cohesive soil	Kiyoshi Omine
			S. Sugimoto
SA04-01-008	CTGS-017	Long-term landslide creep and the effect of rainfall driven criterion and catchpits utilizing SAA monitoring and rainfall data	Ching-Jiang Jeng
			S.-S. Chen
SA04-02-001	CTGS-009	Landform variation analysis and safety evaluation for the Central-Traverse temporary detour	Yuan-Tu Wang
			P.-H. Chang
			C.-K. Chen
			C.-Y. Hsiao
			C.-Y. Chen
SA04-02-002	MGS-003	Development of distributed fibre optic inclinometer for landslide and geotechnical application	Muhammad Farid Ghazali
			K.A. Ang
			H. Mohamad
SA04-02-003	JGS-012	Topographical characteristics and model test behaviour for occurrence region of debris flow at Hiroshima in August 2014	Yohei Inomata
			Y. Nakata
SA04-02-004	ID-058	An evaluation method for displacement-dependent slope stability	Shiguo Xiao

SA04-02-005	TGS-005	Field performance of vegetated flapped soil-bag retaining structure along a stream bank	Apiniti Jotisankasa
			W. Mairaing
			K. Mahannopkul
			N. Hunsachainan
			D. Chaingphan
			J. Palangtanasukit
SA04-02-007	CTGS-023	Investigation of load transfer factor of slope with drilled shaft	Wei-Chien Wang
			A.-J. Li
			H.-D. Lin
SA04-03-001	JGS-014	The influence of the particle shape of falling rock-mass on the maximum travel distance	Tadashi Kawai
			T. Yoshii
			J. Kim
			M. Kazama
SA04-03-002	CTGS-038	On the rainfall induced landslides with the impact of climate change	Keh-Jian Shou
			Z. Lin
SA04-03-003	CTGS-041	Maintenance effects of national freeway slope safety using facility full lifecycle management methods	Lee-Ping Shi
			J.C. Liao
			Y.M. Huang
			J.Y. Wei
			B.S. Lin
SA04-03-004	CTGS-048	A new and powerful approach to mapping large-scale landslides using InSAR and LiDAR derived DEMs	Chih-Yao Yang
			C.-Y. Chi
			R.-F. Chen
			C.-W. Lin
SA04-03-006	KGS-025	Rheological properties of fine-grained soils according to temperature and water content	Geun-Woo Park
			S. Kang
			D. Lee
			J.-S. Lee
SA04-03-007	MGS-007	Distributed optical fibre strain sensing for instrumentation of soil nail pull out test	Peir Tien Lee
			B.P. Tee
			K.L. Kwang
SA04-03-008	Sri Lanka-004	Geotechnical assessment on the failure at Meethotamualla waste fill in Sri Lanka	Asiri Karunawardena
			G.D.W.N. Galhena
			S.A.S. Kulathilaka
			S.H.S. Jayakody
SA04-03-009	ID-064	Centrifuge modelling on failure behavior of the slope with anti-slide piles under drawdown condition	Sujia Liu
			F. Luo
			G. Zhang
SA06			
SA06-001	CTGS-007	Time-dependent behavior of excavations in central Jakarta	Muhammad Dwiyanto Agung
			B.B.C. Hsiung
			H. Wahyudi
			F.C. Teng
SA06-002	HKGES-001	Numerical analysis for deep excavation of Taipa Central Park in Macau	Zan Zhou
			T.M.H. Lok
SA06-003	IGS-019	Analysis of sheet pile walls under surcharge loading at different distances using FLAC2D	Akshay Pratap Singh
			K. Chatterjee

SA06-004	IRN-002	Assessing the functionality of different constitutive models in predicting the behavior of deep stabilized excavations	Fardin Jafarzadeh
			M.M. Shahrabi
			A.A. Garakani
SA06-005	JGS-017	A study on the potential size of subsurface cavities in sandy soil	Reiko Kuwano
			Y. Ohara
			R. Sera
SA06-006	IGS-034	Performance of a 600mm thick diaphragm wall under excavation in firm clay profile	Illikkal Velayudhan Anirudhan
			M.K. Annam
SA06-007	ID-071	Study the behavior of the boundary wall of deep foundation pit near the reconstructed building	Ilizar T. Mirsayapov
			I.V. Koroleva
SA06-008	CTGS-019	LID plastic underground water storage tanks engineering properties evaluation	Chiwan Wayne Hsieh
			C.-W. Chang
SA06-009	GEOSS-002	Field performance of a deep cut and cover excavation in Singapore old alluvium designed based on advanced soil testing	Mariela Angeles
			S. Sivarajah
SA06-010	Sri Lanka-003	Pullout resistance of soil nails in unsaturated residual soils	Athula Kulathilaka
			P. Rajeevkarana
SA06-011	VSSMGE-004	On methods of estimating stability of braced excavations in clay	Tuan Nghia Do
SA06-012	MGS-006	Basement excavation works in KL limestone formation for underground connection to existing MRT station at AEON Maluri, Malaysia	Yean Chin Tan
			K.-S. Koo
			F.W. Chee
			C.-G. Tan
SA06-013	PSSMGE-002	Geological and Geotechnical Characterization of the Guadalupe Tuff Formation for the Proposed Metro Manila Subway	John Michael B. Gargullo
			R.D. Quebral
			K.J.R. Leobrero
			P.D. Nistal
			A.K.C. Ines
			M.P. Baniquett
			R.A.C. Luna
SA07			
SA07-01-001	CTGS-040	Exploration of factors affecting settlements induced by tunneling in loose to medium dense sands	Bin- Chen Benson Hsiung
			G.-W. Chen
			M.-H. Kao
SA07-01-002	KGS-028	Prediction of surface settlement during shield TBM excavation using extreme learning machine	Dongku Kim
			H. Lee
			K. Pham
			J.-Y. Oh
			H. Choi
SA07-01-003	CTGS-008	Safety inspection and reinforcement of South-link line railway tunnels	Yuan-Tu Wang
			P.-H. Chang
			Y.-T. Lee
			M.-C. Lee
SA07-01-004	SEAGS-003	Impact assessment of shield tunnelling in Bangkok MRT Orange Line on existing piled foundation	Phatharaphong Yensri
			N. Phien-wej
			P. Kitiyodom

SA07-01-005	CTGS-029	Planning and construction of the cross passage for Taipei MRT system	Chih-Min Liou
			Y.-S. Chou
			A.-P. Wang
			F.-L. Su
			T.-J. Chen
SA07-01-006	KGS-042	Prediction of penetration rate of a small diameter shield TBM based on adaptive neuro-fuzzy inference system and linear regression	Ki-Il Song
			K.-Y. Kim
			H.-H. Ryu
			H.-L. Lee
SA07-01-007	CTGS-036	A case study of long distance and large diameter pipeline with HDD in Taiwan	Cheng-Jia Chiang
			W.-M. leong
			M.-S. Yu
			R.-Y. Hung
			W.-T. Gao
			W.-D. Li
SA07-02-001	CTGS-039	Pile construction and loading effects on adjacent shield tunnels	Jung-Feng Chang
			I.-C. Hu
			H.-C. Chao
			I.-J. Wang
			H.-T. Chang
SA07-02-002	JGS-018	A study on arching mechanism in trapdoor model test and equivalent discrete element simulations	Umair Ali Naqvi
SA07-02-003	SEAGS-004	Application of piled raft concept in a design of foundations for MRT Orange Line Project	M. Otsubo
			Woraphon Wiriyahtarkij
			N. Phien-wej
SA07-02-004	CTGS-050	Characteristic design and construction challenges for a metamorphic rock tunnel in Taiwan	P. Kitiyodom
			Cheng-Hsun Chen
			W.-L. Wu
SA07-02-005	CTGS-003	Sustainability of Shimen Reservoir by desilting tunnel in Taiwan	Y.-C. Lin
			Yan-Jhih Lin
			T.-H. Chang
			M.-C. Lee
SA07-02-006	ID-013	Shaking table model test study on seismic performance of underground utility tunnel	H.-T. Chiang
			Liang Han
			W.G. Zhang
			Z.X. Chen
			L. Feng
X.M. Ding			
SA08			
SA08-01-001	CTGS-021	Lateral earth pressure at rest in response to pore water pressure increases in saturated sand	Tzou-Shin Ueng
			G.-L. Huang
			Y.-C. Tsai
			L. Ge
SA08-01-002	CISMGE-007	Soft soil foundation treatment and post-construction settlement investigation on metro depot	Kunbiao Zhang
			Y. Chen
			Y. Wang
SA08-01-003	CISMGE-012	Mechanical properties of active nodes and their influences on overall bearing capacity of steel bracing system in excavation engineering	Zhitian Xie
			M. Yang
			P. Li
			M. Zhang

SA08-01-004	IGS-016	Behavior of pile-raft foundation under combined vertical lateral and moment loads: A parametric study	Diptesh Chanda
			S. Haldar
			R. Saha
SA08-01-005	JGS-076	Seismic monitoring on a piled raft combined with grid-form deep mixing walls in soft ground	Kiyoshi Yamashita
			T. Tanikawa
SA08-01-006	SEAGS-017	Behavior and performance of piled raft – A comprehensive study	Venkataraman Balakumar
			M. Huang
			E. Oh
			R. Hwang
SA08-01-007	CISMGE-015	Numerical research on soft clay foundation long-term settlement	A.S. Balasubramaniam
			Wenbin Liu
SA08-01-008	CTGS-018	Flexural wave impulse response evaluation of pile bent foundations	Helsin Wang
			C.-H. Hu
			T.V. Nguyễn
			H.-C. Tsai
SA08-01-009	IGS-027	Predicting foundation behavior: In-situ tests for a multi-storeyed tower on alluvial sands	C.-Y. Wang
			Ravi Sundaram
			S. Gupta
SA08-02-001	VSSMGE-002	Problems of evaluating the multi-level bidirectional test results of a large diameter bored pile in Mekong delta, Vietnam	S. Gupta
			Phung Duc Long
SA08-02-003	JGS-020	Laboratory study on the penetration resistance and bearing capacity of the pile driven by vibratory pile driving	N.M. Hai
			Shunsuke Moriyasu
			M. Aizawa
			T. Matsumoto
			Y. Yamakuri
			S. Suko
SA08-02-004	JGS-022	Effects of pile diameter and density of ground to the plugging of open-ended piles	S.-I. Kobayashi
			Yoshiaki Kikuchi
			T. Hyodo
			M. Kanbe
SA08-02-005	MGS-005	Design and construction of driven piles over soft marine clay	H. Yamazaki
			Peir Tien Lee
			Yean Chin Tan
SA08-02-006	JGS-023	Dynamic centrifuge model tests on pile foundation of plate-shape building in clayey ground	J.G. Bok
			Takehiro Okumura
			T. Honda
SA08-02-007	KGS-014	Lateral displacement analysis for pile in clays using CPT-based p-y curve	J. Hamada
			Jiyeong Lee
			I. Kim
			G. Kim
SA08-02-008	SEAGS-015	Numerical study of pile soil interface using press-replace method in undrained soil	D. Lee
			J. Lee
			Phek Soon Tan
SA08-03-001	VSSMGE-003	Effect of pile spacing on the behaviours of pile, pile group and piled raft models supported by jack-in piles under vertical loads in dry sand	S.A. Tan
			S.H. Goh
			Lua Hoang
			T. Matsumoto

SA08-03-002	KGS-024	Tip resistance characterization of embedded piles with inclined tip plates using dynamic pile tests	Mijeong Seo
			K. Han
			J.-B. Park
			J.-S. Lee
SA08-03-003	ID-018	Fibre Bragg grating sensor: a powerful technique for monitoring soil and mini driven piles interaction	Chin Fung Tsang
			A. Mehdizadeh
			M.M. Disfani
SA08-03-004	KGS-038	Shaft resistance characteristics of steel pipe prebored and precast piles based on field loading tests	Sangseom Jeong
			J. Park
			D. Kim
SA08-03-005	ID-065	Measured bearing capacity of rooted caisson under vertical compressive loading	Ming-Xing Zhu
			W.-M. Gong
			G.-L. Dai
			C. Yang
SA08-03-006	GEOSS-008	Piling design and load test considerations in underground stacked rail depot	Woei Tong Lai
			C. Veeresh
			Q. Ye
SA08-03-007	JGS-025	Seismic behavior of pile foundation structure combined with soil-cement mixing wall using permanent pile based on centrifuge shaking table	Yuki Tomiyasu
			K. Watanabe
SA08-03-008	MGS-009	Construction of bored piles in Hawthornden Formation using different stabilizing fluids	Chean Sin Chen
			P.K. Yeow
			E.L. Choo
			Z.H. The
			K.C. Chan
SA08-04-001	JGS-024	Ultimate limit state of spread foundation on sand during earthquake	Hideyuki Mano
SA08-04-002	IGS-014	Analysis of two closely spaced asymmetric strip footings embedded in cohesion-less soil medium	Lohitkumar Nainegali
			A.G. Ekbote
SA08-04-004	GEOSS-013	Removal of underground obstructions – A review of pile extraction methods	Chepurthy Veeresh
			L.T. Fang
			F.H. Mun
SA08-04-005	MA-002	Analytical solution for the consolidation of unsaturated soil considering thermal changes	Lin-Shuang Zhao
			W.-H. Zhou
SA08-04-006	MGS-002	Foundation challenges for high-rise at granite-limestone interface zone	Chee-Meng Chow
			T.P. Soh
			L.Y. Ong
SA08-04-007	RGS-007	Geotechnical support for building construction in the changed basic design considerations of the superstructure	Yakov A. Pronozin
			N.Yu Kiselev
			R.V. Melnikov
			M.A. Stepanov
SA08-04-008	SEAGS-002	Foundation options of a stacker reclaimer	Kheng-Boon Chi
			Y. Ogawa
			S.-M. Bong
			A.-H. Goh
			S.-H. Gan
Publish Only	RGS-002	Modeling and analysis of the pile cluster foundation in SCAD and SMath Studio	L. Nuzhdin
			V. Rezyapkin
			V. Mikhaylov

Publish Only	ID-077	An analytical and design solution for arbitrary shape rigid spread footings subjected to biaxial loading	Hsuan Wen Huang
			T. Zhou
			J. Sawab
			N. Mehta
			Y.L. Mo
SA09			
SA09-001	CTGS-011	Design of geosynthetic-reinforced soil structures against rainfall considering regional hydrological conditions	Thanh Son Nguyen
			Y.-H. Lee
			K.-H. Yang
SA09-002	IGS-015	Experimental study of behavior of geosynthetic reinforced two layer foundation system	Bashir Ahmed Mir
			B. Majid
SA09-003	ID-078	Construction of a high MSE wall in difficult and variable site terrain: a case study on G3 National Highway	Jinzhong Wang
			B. He
SA09-004	JGS-029	Estimating the confinement zone of geogrid-stabilized aggregate layer by means of direct shear test	Aung Aung Soe
			T. Kogure
			J. Kuwano
SA09-005	ID-057	Model tests investigating the distribution of additional vertical stress induced by footing load in geosynthetic reinforced soil (GRS) abutments	Minmin Luo
			C. Xu
			X. Mei
			P. Shen
SA09-006	ID-020	18-year continuous, monitored performance of an 1m-thick, stiff polymeric geogrid cellular mattress for a building foundation over a landfill site	Chaido Doulala-Rigby
			J.P. Duffin
			H.D. West
SA09-007	ID-023	MSE wall with uneven reinforcement lengths (trapezoidal walls) – Design development and challenges	Ching Dai
			J. Livingston
SA09-008	ID-060	Numerical investigation on the deformations of geosynthetic-reinforced pile-supported embankments by different three-dimensional idealized models	Qingyuan Zeng
			C. Xu
			Y. Yang
SA09-009	ID-080	Experimental study on electro-osmosis using electrokinetic geosynthetics	Yan-Feng Zhuang
			X. Wang
			R. Song
			Y.C. Zhuang
			Q.G. Wang
			D.D. Shi
			Y. Sayami
SA10			
SA10-01-001	JGS-030	Liquefaction prevention of floating grid-form deep mixing wall with the auxiliary construction method	Kazuhiro Kaneda
			Y. Hirai
			S. Tsukuni
			T. Sugano
SA10-01-002	HKGES-004	Fatty acids as hydrophobizing agents for granular materials	Hongjie Lin
			C.S. Yan
			S.D.N. Lourenço
SA10-01-003	KGS-018	Experimental study on the mechanical properties of chemically grouted sandy soil	Kean Thai Chhun
			S.-H. Lee
			Y.-T. Choi
			C.-Y. Yune

SA10-01-004	ISGE-002	Vibrocompaction proposed design guideline for practicing engineers	Tjie-Liong Gouw
			A. Gunawan
SA10-01-005	JGS-031	Improvement effect of high water content clay using bamboo chip and cement	Chikashi Koga
			K. Sato
			T. Fujikawa
SA10-01-006	GEOSS-001	Post treatment evaluation of ground improvement using vibro compaction	Selvaganesh Selvaraju
			Z.W. He
			K.W. Leong
SA10-01-007	JGS-032	Rational design of ground freezing with state-of-the-art techniques	Ryohsuke Tsuji
			T. Yoshida
SA10-02-001	KGS-017	Sustainability of EICP treated sand: Permeated water and sequential loading	Jeehoon Ma
			J.Y. Song
			T.S. Yun
SA10-02-002	JGS-035	Internal stability of group column type deep mixing improved ground on inclined foundation layer	Masaki Kitazume
			S. Matsuda
SA10-02-003	GEOSS-005	Effect of gypsum on the strength of CSA treated sand	Taeseo Ku
			S. Sathyamoorthy
SA10-02-004	ID-026	Mitigation strategies of expansive soils for low-cost housing projects in the Philippines	Monica M. Ledesma
			A.L.D. Casibua
			M.A.P. Dizon
			A.P.A. Acacio
SA10-02-005	JGS-036	Execution of vertical/horizontal jet grouting under crossing point of two existing MRT lines to improve Singapore marine clay	Hiroyasu Ishii
SA10-02-006	IGS-025	Analysis of slab railway track system on stone column treated ground	Shashank Bhatra
			P. Meheshwari
SA10-02-007	JGS-038	Improved effect of infiltration solidification method of ultra microfine cement on ground with fines	Taichi Hyodo
			Y. Tsukamoto
			W. Wang
			K. Hashimoto
SA10-02-008	CTGS-044	Optimum coverage ratio of permeable pavement for rainwater infiltration of car park	Wei-Yin Guo
			H.-J. Liao
SA10-03-001	SEAGS-018	Numerical modeling for highway embankment on soft clay with PVD improvement in Red River Delta	Truong Quang Manh
			T.H. Seah
			P.H. Giao
			K.C. Chao
SA10-03-002	KGS-021	Variation of void ratio and permeability during consolidation in soft ground using vertical drain with heat injection	Beom Jun Kim
			C.-Y. Yune
SA10-03-003	GEOSS-012	Design schemes for treatment of thin soft clay in ground improvement project	Phuoc H. Dang
			J.-M. Roh
			T.-G. Ng
			I. Yogarajah
SA10-03-004	GEOSS-014	Cement stabilization of clay in Singapore: Field and laboratory comparison	Siau Chen Chian
			X.L. Goh
			Z. He
			K.W. Leong

SA10-03-005	ID-028	Performance of expansive concrete pile in indoor calcareous sand foundation under vertical load	Weiting Deng
			Y. Peng
			Y. Long
			X. Ding
SA10-03-006	ID-046	Evaluation of liquefaction potential on the reclamation area of Manila bay	Angelica Lou D. Casibua
			M.A.P. Dizon
			M.M. Ledesma
			A.P.A. Acacio
SA10-03-007	HKGES-009	Strength of deep mixed soft clay with cement	Huaren Dou
			Y. Wang
Publish Only	CISMGE-013	Filed test on 30,000 kN•m ultra high energy level dynamic consolidation on large thickness gravel foundation	Jianbao Fu
SA11			
SA11-01-001	JGS-040	Chemical compatibility of fine and coarse Ca/Mg composite to mitigate natural contamination	Lincoln Waweru Gathuka
			T. Inui
			T. Katsumi
			G. Flores
			A. Takai
SA11-01-002	CISMGE-008	Simulation of aeration process in landfill with preferential flow and immobile zone	Lei Liu
			J. Ma
			Y. Wan
			Y.J. Chen
			M.L. Wei
SA11-01-003	IRN-014	Simulation of wetting tendency of fluids with high density ratios using RK Lattice Boltzmann method	Mohammad Sadeghi
			A. Pak
			H. Sadeghi
SA11-01-004	JGS-041	Hydraulic barrier performance of sand-bentonite mixed soil in different hydration condition	Ta Thi Hoai
			J. Otani
			T. Mukunoki
SA11-01-006	ID-034	Effects of biopolymer on the consolidated-undrained static triaxial test behavior of sand	Jooyoung Im
			G.-C. Cho
			S. Lee
			I. Chang
SA11-02-001	CTGS-015	The pullout behavior of plant roots in highly saturated soil mass	Chia-Cheng Fan
			J.Z. Lu
			H.H. Chen
SA11-02-002	KGS-037	Preliminary study on permeability reduction by enzyme-induced biopolymer formation	Tae-Hyuk Kwon
			Y.-M. Kim
			S.-G. Choi
SA11-02-003	JGS-042	Long-term durability of coal ash mixed material under various environments	Takuro Fujikawa
			K. Sato
			C. Koga
SA11-02-004	SEAGS-007	Microbially included calcite coating layer on concrete surface as inhabitation of coral to produce artificial coral reef	Jian Chu
			L. Cheng
			K. Tun
SA11-02-005	TGS-004	Treatment conditions used in microbial induced calcite precipitation for sandy soil improvement	Soyson Arpajirakul
			W. Pungrasmi
			S. Likitlersuang

SA11-02-006	JGS-043	Modification method of ground model for reclamation analysis of dredged clays with high accuracy	Masaaki Katagiri
			A. Kunita
			S. Yamamoto
SF01			
SF01-01-001	CTGS-014	Complex dielectric spectroscopy of soil using multiple reflection analysis on TDR signal	Yin Jeh Ngui
			C.-P. Lin
SF01-01-002	KGS-001	The effect of soil composition and xanthan gum biopolymer on the undrained shear strength	Yeong-Man Kwon
			I. Chang
			G.-C. Cho
			M. Lee
SF01-01-003	GEOSS-004	Effect of loading strain-rates on peak strength and drainage behavior of cement-treated soils	Akanksha Tyagi
			Y.-C. Dawn Wong
			F.-H. Lee
SF01-01-004	IGS-011	Soil characterization of lateritic soils used for bunds in Goa	Leonardo Souza
			P. Savoikar
SF01-01-005	KAZ-005	The investigation of soils by using laboratory freezing system	Askar Zhussupbekov
			Zh. Shakhmov
			G. Tleulnova
SF01-01-006	IRN-007	The effect of microorganisms on shear strength of soils	Alireza Negahdar
			M. Khoshdel
			H. Negahdar
SF01-01-007	TGS-003	Engineering properties of controlled low-strength material (CLSM) as an alternative fill material	Thanakorn Chompoorat
			S. Likitlersuang
			P. Jongvivatsakul
SF01-01-008	PSSMGE-003	Geotechnical assessment for the rehabilitation of the north-south Philippine railway system	Roy Anthony C. Luna
			F.A.G. Prelligera
			A.P.A. Acacio
			M.P.V. Follosco
			N.L.B. Tan
			I.L. Torres
			S.L.B. Buensuceso
SF01-01-009	KGS-034	Validity and reliability of the Krumbein-Sloss chart for the estimation of shape-dependent geomechanical properties in sands	Yejin Kim
			S.J. Ha
			T.S. Yun
SF01-02-001	JGS-048	Shear strength evaluations of river embankment soils under low confinement pressure using water absorption softening test	Yuichi Kubo
			K.-T. Lee
			M. Ishihara
			Y. Nakayama
			T. Kodaka
SF01-02-002	KGS-023	Effects of fine matters on strength and stiffness	Quy Ngoc Hoang
			S.Y. Kim
			J.U. Song
			J.-S. Lee
SF01-02-003	JGS-057	Study on basic properties of soil-slag mixtures and applicability as a fill material to improve aseismicity of embankment	Kyungbeom Jeong
			J. Baek
			J. Hur
			S. Shibuya

SF01-02-004	IRN-011	Dispersivity, collapsibility and microstructure of a natural dispersive loess from Iran	Hamed Sadeghi
			H. Nasiri
			P.A. Panahi
			M. Sadeghi
SF01-02-005	JGS-062	Influences of water content and fine fraction content on permanent deformation of ballasts	Jiaqiang Yang
			S. Matsutani
			T. Tokoro
			T. Nakamura
			Y. Momoya
			T. Ishikawa
SF01-02-006	KGS-039	Empirical approach for estimating wetting path of soil water characteristic curve	Hyun-Su Park
			B.-S. Kim
			S.-W. Park
SF-01-02-007	GEOSS-011	Investigation of engineering properties of soil in the Sajahat Formation	Jian Chu
			M. Zhang
			A.T.C. Goh
			W. Wu
			S. Wu
			K.H. Goh
			X. Wei
			J. Kumarasamy
SF01-02-008	JGS-060	Assessment of elastic wave velocities through granular soils during monotonic loading	Troyee Tanu Dutta
			M. Otsubo
SF01-02-009	ID-001	Predicting consolidation coefficient of soft clay by time-displacement-velocity methods	Thang Minh Le
			H. Khabbaz
SF01-02-010	ID-068	Mechanical performance of buried pipeline considering soil elastic modulus as a random field	Xiaozheng Fang
			Y. Lai
			P. Shi
			Y. Xue
SF01M			
Publish Only	CISMGE-001	Long-term drainage consolidation characteristic of an ultra soft clay	Jinfang Hou
			A. Liu
			S. Li
SF01M-01-001	JGS-053	CRS consolidation test incorporating preliminary consolidation under the overburden effective stress	Yoichi Watabe
			M. Hatakeyama
			H. Hashizume
			Y. Egawa
SF01M-01-002	JGS-049	Water absorption/swelling pressure of powder bentonites and analogism on water molecular formation in bentonite	Hideo Komine
SF01M-01-003	CTGS-001	The particulate interface model for discrete element method	Chia-Chi Chiu
			M.C. Weng
SF01M-01-004	IGS-002	Study of stress strain behavior of granular soil at inclined plane of shear using a newly developed modified direct shear test set up	Manas Kumar Bhoi
			P. Patel
			H. Rupani
SF01M-01-005	GEOSS-003	Creep after unloading: a comparison and validation of constitutive models	Thomas Alexander Vergote
			C.F. Leung
			S.C. Chian

SF01M-01-006	JGS-056	A simple method to describe stress path dependency of plastic flow	Teruo Nakai
			H.Md. Shahin
SF01M-02-001	JGS-051	Validation of the direct measurement of soil water characteristic curve using the newly developed continuous pressurization method	Adel Alowaisy
			N. Yasufuku
			R. Ishikura
			M. Hatakeyama
SF01M-02-002	JGS-055	Investigation of volume distribution for pore water and pore air in partially saturated sand subjected to drying and wetting through morphological image processing	Ryunosuke Kido
			Y. Higo
			F. Takamura
SF01M-02-003	JGS-058	Vertical deformation of bentonite in high suction ranges	Tomoyoshi Nishimura
SF01M-02-004	JGS-059	Test on mechanical behavior of unsaturated Masado using triaxial compression test under constant degree of saturation condition	Yuhei Kurimoto
			T. Tsunemoto
			X. Xi
			S. Okino
			H. Iwai
			F. Zhang
SF01M-02-005	JGS-061	Shear strength of unsaturated silty soil under water infiltration conditions	Jiro Kuwano
			A.M. Rasool
SF01M-02-006	JGS-046	Describing temperature and confining stress effects on frozen soils within THM framework	Satoshi Nishimura
			J. Wang
SF01M-02-007	KGS-044	Fracture behavior of frozen soil	Bumsik Hwang
			D. Kim
			W. Cho
SF01M-03-001	ID-070	Experimental study of mechanical behavior of cemented light expanded clay aggregate in unconfined compression test	Zhifu Shen
			X. Li
			Z. Wang
			H. Gao
SF01M-03-002	CISMGE-006	Research on the swelling behavior of unsaturated expansive soils in China Ankang area	Jingshuang Li
			Y.C. Xing
			Z. Li
SF01M-03-003	KGS-048	Analysis of pull-out behavior of tunnel type anchorage using 2-dimensional scaled model test and image processing technique	Seunghwan Seo
			Y.-H. Ko
			M. Chung
SF01M-03-004	IRN-010	The effect of reinforced soil type on the value of bearing ratio	Mehdi Jalili
			M. Kabiri
SF01M-03-005	IGS-008	Analysis of retaining wall with constrained backfill for sliding mode of wall movement	Godas Srikar
			S. Mittal
SF01M-03-006	SEAGS-001	Numerical modelling of pressure reliefs in geotechnical problems	Qingwei Joshua Ong
			S.A. Tan
SF01M-03-007	ID-072	Research of deformation raft-pile foundations under regime cyclic loading	Ilizar T. Mirsayapov
			I.V. Koroleva
SF02			
SF02-001	CTGS-025	Feasibility of Newton’s cradle coupled with particle image velocimetry to examine the rockfall impact-energy-absorbing material	Wei-Chih Chen
			J.-C. Chen
			L.-H. Chen
			C.-A. Yu

SF02-002	JGS-065	Mechanical properties of crushed mudstones aggregates under drying-wetting cycles and seismic response analysis of the mudstone embankments	Masaki Nakano
			T. Sakai
			H. Nakamura
SF02-003	KGS-004	Bulk anisotropy embedded in fault gouges and Shear fabrics	Eomzi Yang
			S.H. Hyun
			T.S. Yun
SF02-004	MGS-008	Determination of jacking forces based on highly weathered non-linear ‘soft rock’ strength parameters considering arching	Chung Siung Choo
			D.E.L. Ong
SF02-005	KGS-015	Assessment of the pressuremeter modulus of the weathered granite rock based on the chemical weathering index	Seung-Hwan Lee
			C.-K. Chung
			Y.-W. Song
			J.-G. Kim
SF02-006	ID-052	A study on dynamic load model on precast SRC rock-shed	Mikio Kitajima
			K. Maegawa
			M.-H. Chiang
SF02-007	JGS-066	Determination of anisotropic deformability parameters of tuff by a single triaxial test	Yota Togashi
			M. Kikumoto
			K. Tani
SF02-008	CTGS-026	Comparisons of rock slope stability evaluations between extreme learning machine and genetic algorithm-support vector regression	Fatty Abdoulie
			W.-H. Chen
			H.-D. Lin
			A.-J. Li
SF02-009	SEAGS-014	Application of image quality assessment for rockfall investigation	Dong Hyun Kim
			D. Kim
			A.S. Balasubramaniam
			I. Gratchev
			S-R. Kim
			S-H. Chang
SFA05			
SF05-01-001	IGS-007	Seismic bearing capacity factor of dry cohesionless soil under surficial strip footing	Kshitija A. Nadgouda
			D. Choudhury
SF05-01-002	KGS-045	Seismic interaction of tall building and underground level	Sadiq Shamsher
			D. Park
			Y.-G. Lee
SF05-01-003	JGS-074	Numerical study on relationship between inertia and seismic earth thrust acting on an abutment	Keita Abe
			H. Ikamoto
			S. Nomoto
SF05-01-004	IGS-023	Seismic passive resistance of cantilever retaining wall with an efficient adaptive failure mechanism	G. Santhoshkumar
			P. Ghosh
SF05-01-005	CTGS-013	Centrifuge modeling on shallow foundation subjected to reverse faulting	Chung-Jung Lee
			W.Y. Hung
			W.C. Huang
			W.J. Huang
			Y.Y. Chang
SF05-01-006	IGS-003	A study on the effect of pile cap on the vertical impedance of a single pile	Boominathan Adimoolam
			R. Varghese

SF05-01-007	ID-044	Performance of overpass structures with reinforced earth walls in the Kaikoura earthquake	John Wood
			D. Asbey-Palmer
			G. Power
SF05-01-008	JGS-073	Experimental study of the effect of surface net on rock bolt slope stabilization with facing plate	Jiro Takemura
			W. Okamoto
			S. Nakamoto
SFA05-02-001	CTGS-032	Effect of cemented layer formation on liquefaction potential of coal ash pond	Dam Thi Hong May
			H.-J. Liao
SFA05-02-002	IRN-001	Response of a group of stiff piles to liquefaction induced lateral spreading: Numerical simulation of a shaking table experiment	S. Mohsen Haeri
			S. Afzalsoltani
SFA05-02-003	IRN-012	Pile analysis with numerical method of finite difference in soil with liquefaction potential	Semko Aerfpanah
			M.H. Rad
SFA05-02-004	JGS-069	Acceleration of aging effect on liquefaction resistance of sandy soils by means of drained cyclic pre-shearing	Shigeru Goto
			I. Towhata
SFA05-02-005	JGS-071	Liquefaction analysis of unsaturated ground affected by earthquake with long-term strong ground motion duration	Takaki Matsumaru
			T. Sato
			R. Uzuoka
SFA05-02-006	CTGS-042	Soil-structure interaction analysis of lateral resistance of piles in liquefied and laterally spreading ground	Yung-Yen Ko
			J.-H. Hwang
SFA05-02-007	JGS-083	Mechanism of liquefaction-induced settlements with sand boiling	Tetsuo Tobita
SFA05-02-008	KGS-009	Comparison of liquefaction behavior for different ground relative densities by centrifuge tests	Seong Nam Kim
			J.G. Ha
			M.G. Lee
			D.S. Kim
			M. Satish
SFA05-02-009	TGS-001	Analysis of repeated liquefaction behavior in shaking table test and triaxial test using energy approach	Jirat Teparaksa
			J. Koseki
SFA05-02-010	ID-069	Dynamic analysis of single pile in liquefied sands modeled as fluid	Wenpin Lin
			J. Ma
			Z. Shen
			J. Meng
			Z. Wang
			H. Gao
SF05-03-001	CTGS-005	Evaluating the effects of the spatially variable shear-wave velocity on seismic site response	Chi-Chin Tsai
			C.-C. Huang
SF05-03-002	CISMGE-017	The method of adjusting design ground motion parameters of thick loess sites	Lanmin Wang
			K. Xia
			P. Wang
			X. Pu
SF05-03-003	IGS-001	Predictive model for Arias intensity in northeastern region of India	Himanshu Rana
			G.L.S. Babu
SF05-03-004	IRN-009	Amplification of seismic movement in adjacent non-curved valleys	Behrouz Gatmiri
			Z. Khakzad
SF05-03-005	JGS-079	Numerical reproduction of Rayleigh and Love waves, and assessment of their influences on subsurface ground damage	Kentaro Nakai
			A. Asaoka

SF05-03-006	IGS-036	New acceleration design response spectra for deep and shallow sites – Application to India	Panjamani Anbazhagan K. Bajaj
SF05-03-007	ISGE-003	Geological and active fault settings surroundings Tigadihaji Dam of Indonesia	Didiek Djarwadi D.H. Natawidjaja M.R. Daryono
SF05-04-001	CTGS-035	Shaking table testing on pile response due to lateral spreading	Jiunn-Shyang Chiou T.-J. Huang C.-H. Chen
SF05-04-002	JGS-070	An analytical consideration on aftershock-induced expansion of liquefaction damage of sandy ground with groundwater-level rise due to main shock	Toshihiro Noda T. Yoshikawa
SF05-04-003	JGS-081	Centrifuge model tests on long-term consolidation of clay ground after earthquakes and negative impact against seismic behavior of upper liquefiable sand caused by clay ground	Koichi Isobe Y. Hatanaka K. Tomisawa
SF05-04-004	SEAGS-016	Assessment of buckling of piles due to soil liquefaction for a coal-fired power station Tanjung Jati B, Central Java, Indonesia	Muhammad Hamzah Fansuri M. Chang P. Purwanta R. Kusumawardani
SF05-04-005	JGS-080	Seismic behavior of a piled raft foundation with grid-form DMWs considering post-peak softening of stabilized soil	Yoshimasa Shigeno K. Yamashita
SF05-04-006	KGS-011	A study on dynamic behaviors of pile-supported structures on horizontal and inclined ground during an Earthquake	Jung-Won Yun J.-T. Han S.-J. Kim
SF05-04-007	JGS-072	Dynamic centrifuge tests on three-hinge type precast arch culverts installed in embankment with asymmetrical overburden in culvert longitudinal direction	Yusuke Miyazaki K. Kishida
SI14			
SI14-001	CTGS-024	Application of probabilistic fault displacement hazard analysis in Taiwan	Jui-Ching Chou M.C. Lee F.H. Wu D.J. Wu N.W. Huang
SI14-002	ID-079	Probabilistic analysis of roof deflection for multi-stage excavation using limited data – A case study of Lijiaping metro station in Chongqing City, China	Mahdi Shadab Far H.W. Huang Y. Xue
SI14-003	KGS-035	Reliability analysis of suction bucket foundation for offshore wind turbine in silty sand	Gil Lim Yoon J.H. Yi K.T. Bae S.B. Kim
SI14-004	JGS-085	Development of hazard map for deep-seated landslide using stochastic response surface methods	Kiyonobu Kasama H. Tanaka
SI14-005	JGS-087	Development of subsurface cavity potential map for prevention of road cave-in	Ryoko Sera R. Kuwano M. Hotta
SI14-006	CTGS-031	Application of risk management in the design and construction of deep circular excavation with 140 meters in diameter	Chen-Han Lin Y. Tada C.-M. Lai C.-H. Chang

SI15

SI15-001	CTGS-030	Application of green value engineering in MRT geotechnical engineering	Chen-Wei Hung
			C.-M. Lai
SI15-002	IGS-009	Influences of porosity and permeability on convective heat transport in saturated porous media	Prasenjit Basu
			O. Ghasemi-Fare
			A.K. Tiwari
SI15-003	JGS-088	Evaluation of properties of soil-based filling material for radiation shielding and water sealing	Ema Yoshikawa
			H. Komine
			S. Goto
SI15-004	JGS-089	Earthquake resistance evaluation of a spherical gas holder considering its ultimate state due to liquefaction-induced differential settlement of sandy ground	Mio Kobayashi
			T. Takaine
SI15-005	JGS-090	A constitutive equation for gas hydrate-containing soils considering hydrate morphology and its transition	Hiromasa Iwai
			T. Kawasaki
SI15-006	JGS-091	Time dependency of compression behaviour for methane hydrate bearing sand	Shintaro Kajiyama
			M. Hyodo
			Y. Nakata
			N. Yoshimoto
			K. Nakashima
			S. Hiraoka
SI15-007	KGS-013	Fines migration and clogging behavior study using 2D micromodel	Jongwon Jung
			S.C. Cao
			J. Ahn
SI15-008	KGS-047	Engineering properties of steel-making slag based controlled low strength material (CLSM) for possible use of Ground-Source Heat Pump system	Gyeong-O Kang
			D.H. Ba
			T.M. Do
			Y.-S. Kim

SI17

SI17-001	CTGS-045	Case study on the design and construction of Dongao Tunnel	Ching-Chih Lin
			Y.-T. Lee
			M.-C. Lee
			H.-J. Shau
SI17-002	SEAGS-008	A case history of structures constructed on expansive soils	John D. Nelson
			D.C. Garcia
			E.J. Nelson
			K.C. Chao
SI17-003	MGS-010	Performance of reinforced concrete tank raft with upstand ring beam on group piles	Shaw Shong Liew
			N.A. Azhari
			D.I. Ting
SI17-004	CTGS-046	Case study on New Ziqiang Tunnel in Hualien-Taitung railway line	Ching-Chih Lin
			Y.-T. Lee
			M.-C. Lee
			F.-K. Huang

SI17-005	CTGS-049	Design and construction challenges of railway underground project in west Kaohsiung	Yung-Chuan Chou
			W.L. Wu
			W.S. Liu
			A.C. Chang
			K.C. Hong
			T.H. Chen
SI17-006	JGS-028	Performance of piled raft with grid-form DMWs supporting high-rise isolated building	Junji Hamada
			T. Honda
SI17-007	SEAGS-011	Performance of cantilever buttressed diaphragm wall in a large-scale excavation in Kenny Hill Formation	Kim Hing Law
YMPG & YGES			
YMPG-01-001	YMPG11	Innovations in the centrifuge modelling of energy pile behaviour in unsaturated soil	Anthony K. Leung
			D. Vitali
			L. Ma
			R. Zhao
YMPG-01-002	YMPG12	Computational multiphysics modeling of long-term problems in geotechnical engineering	Jinhyun Choo
YMPG-01-003	YMPG13	Empirical correlations for characterization of black cotton soil in Kolhapur city	Guruprasad Chavan
			P. Savoikar
YMPG-01-004	YMPG15	Two-phase flow analysis for three-dimensional flow of LNAPL using CT image in porous material	Erika Shiota
			T. Mukunoki
			Y. Miyata
YMPG-01-005	YMPG16	Simple analytical model for ultimate bearing capacity estimation of historic masonry structure foundation	Ryota Hashimoto
			T. Koyama
			M. Mimura
YMPG-01-006	YMPG18	Expansion characteristics of lightweight foamed grout with foaming agent contents	Yong-Hoon Byun
			W.J. Han
			J.-S. Lee
YMPG-01-007	YMPG19	Bridge approach embankments on holocene peat improved with Geosynthetic Encased Columns (GEC) in Northern Germany	M.-T. Hortmann
			S. Taetz
			K-H. Blume
			M. Raithel
YMPG-01-008	YMPG20	Calcinated Singapore marine clay as a form of cement substitute for concrete	Fu Yue Ying
			S.C. Chian
YMPG-01-009	YMPG22	A FEM-DEM framework for progressive modeling of landslides	Ching Hung
			C.-H. Liu
			C.-H. Lin
YMPG-02-001	YMPG23	Implementation of a nonlinear elastoplastic model for tunneling in sandstone	Fu-Husan Yeh
			M.-C. Weng
			L. Ge
YMPG-02-002	YMPG24	Investigation of hydrometeorological basis of storm sewer calculation for Astana city	Bibigul Abdrakhmanova
			A. Zhussupbekov
			Y. Zharkenov
YMPG-02-003	YMPG25	Laboratory tests of soils on triaxial compression apparatus	Assel Tulebekova
			A. Zhussupbekov
			D. Bukenbaeva
			I. Drozdova
			I. Zhumadilov

YMPG-02-004	YMPG26	Numerical modelling of energy pile by different constitutive models	Anthony Gunawan T.-L. Gouw
YMPG-02-005	YMPG27	Seismic hazard analysis for public infrastructure in Metro Manila	Patrick Adrian Y. Selda R.A.C. Luna R.D. Quebral J.M.B. Gargullo K.J.R. Leobrera E.D. Marasigan M.J.P. Armario M.P. Baniquett
Publish Only	YMPG17	Thermal-hydraulic-mechanical simulation on wellbore stability during methane hydrate production by depressurization method	Ah-Ram Kim J.-T. Kim C.-W. Kang G.-C. Cho
Publish Only	YMPG21	Suitability of Victorian brown coal for CO2 sequestration: An experimental overview on effect of moisture on CO2/CH4 exchange	Ashani Ranathunga P.G. Ranjith M.S.A. Perera X.G. Zhang
Publish Only	YGES11	A Method of safety factor for Slope consider the anti-sliding property of geotextile	Bin Li C.Z. Huang
YGES-001	YGES13	Entrainment effect on impact force of debris flow on check dam by using coupled Lagrangian – Eulerian (CEL) method	Kwangwoo Lee S. Jeong
YGES-002	YGES14	Dynamic behavior of single pile from 1g shaking table tests	Hyunsung Lim S. Jeong
YGES-003	YGES15	Monopile design applied in the Panama Metro Line 2	Jui-Tsu Hsu W. Aila C.-H. Chang
YGES-004	YGES16	A summary of fault displacement analysis for bridge design in central Taiwan	Tsun-Yin Shih J.C. Chou F.H. Wu D.J. Wu N.W. Huang L. Luor M.C. Lee
YGES-005	YGES17	Improvement of crushed rock by polymer and portland cement on California Bearing Ratio (CBR) under soaked condition	Salisa Chaiyaput K. Maleesee U. Sirikaew S. Artidteang
Poster Session			
MON-P1-001	JGS-052	Desiccation and shrinkage properties of slurry clay with crack development	Hikaru Seya T. Kawamura T. Umezaki
MON-P1-002	JGS-044	Stability analysis of caisson type seawall against tsunami in comparison with model tests	Satoru Ohtsuka Y. Fukumoto H. Yamazaki K. Kaneda

MON-P1-003	CTGS-043	A study on heat-carrying capacity of brine on development of frozen soil in artificial ground freezing model testing	Ren-Chung Huang
			M. Chang
			Y.-S. Lin
			B.-Y. Liu
MON-P1-004	KAZ-003	Investigation of the properties of structurally unstable soils	Adil Zhakulin
			V. Nephedov
			A. Tungatarov
			N. Popov
			A. Zhakulin
MON-P1-005	KGS-020	Feldspar-based chemical weathering index of shales in Korea	A. Zhakulina
			Tae-Hyung Kim
			S.-W. Kim
			W.-K. Hwang
			E.-K. Choi
MON-P1-006	KAZ-018	Frost susceptibility of soil ground and its impact in Kazakhstan	G.-C. Kang
			H.-J. Lee
			Zhanbolat Shakhmov
			G. Tleulenova
MON-P1-007	KGS-041	Central region loess type soil collapsibility and compressibility properties study of Mongolia	A. Zhussupbekov
			B. Togizbayeva
			Setev Nyamdorj
			WooHyun Baek
MON-P1-008	CTGS-047	Performance of Rapid-Jet system for soil improvement works in soft marine clay	B. Kim
			J. Lee
			I. Park
			J. Choi
			Takeshi Iwakubo
MON-P1-009	JGS-033	Evaluation of effect of liquefaction resistance by means of compaction grouting using effective stress analysis	G.K. Leong
			Y.F. Weng
			J. Chu
			R.K.N. Wong
			S.-H. Cheng
MON-P1-010	ID-066	Analysis on the shielding effect of elastic waves with infilled cavity rows by multiple scattering method	Daiki Takano
			S. Nishimura
			H. Takahashi
			Y. Morikawa
MON-P1-011	KGS-008	Risk Analysis of ground subsidence using Sewer GIS Data	Chengwu Jiang
			X. Wei
			Y. Dong
			X. Wang
			L. Zhou
MON-P1-012			M. Sun
			Jinyoung Kim
			M. Chung
			J. Kang
			C. Choi

MON-P1-014	JGS-016	Study on a slope stability analysis expressed by the body force method considered unsaturated seepage	Kazunari Sako
			R. Uto
			R. Kitamura
MON-P1-015	JGS-013	Availability of the Particle Filter methods on identification of soil hydraulic parameters based on field measurement	Shinichi Ito
			K. Oda
			K. Koizumi
WED-P2-001	ID-063	Discussion on the method of determining initial soil reaction force and horizontal reaction coefficient of foundation soil in passive area for foundation pit excavation	Zhiqiang Sheng
			Y. Teng
			P. Li
WED-P2-002	ID-016	A hybrid approach to investigate the group effect of a small-scale model pile under uplift loads	Erwin Oh
			D. Ong
			D. Newell
			K. Lo
WED-P2-003	CTGS-034	Appropriate seismic numerical simulation model for the geosynthetic reinforced slope considering boundary effect	Sao-Jeng Chao
			A. Cheng
			T.-H. Yu
			J. Chao
WED-P2-004	ID-007	Transparent soil model tests on piled ground responses due to adjacent tunnelling	Xiaowan Zhou
			W. Zhang
WED-P2-005	CTGS-033	Modified plane strain analysis for wall deflection in deep excavations by considering corner effect	Muhsiung Chang
			Y.-C. Shen
			R.-C. Huang
			H.-S. Hsieh
			T.-M. Lin
WED-P2-006	JGS-082	The effect of fracture zones on a failed reinforced soil wall induced by severe ground motions during the 2016 Kumamoto Earthquake	Kunitomo Sahara
			N. Fukuda
			T. Yoshimura
			H. Sato
			F. Hirae
			D. Suetsugu
WED-P2-007	KGS-033	Inverse analysis to evaluate stiffness evolution in the deep excavation	Taesik Kim
			I. Kang
			D.-S. Lim
			J.W. Kim
WED-P2-008	ID-083	Application of 3D LiDAR technology in adjacent construction of triple tunnel	Kwojane Kuo
			C. Huang
			H. Tseng
			T. Tseng
			T. Chu
WED-P2-010	ID-062	Bi-directional load testing of diaphragm wall	Jianmin Zhu
			W. Gong
			G. Dai
			K. Yin
WED-P2-011	KGS-032	A study on developing sealing packer for rock bolt grouts considering mixing ratio of admixture and strength	Tae-seon Yang
			H.Y. Choi
			D.H. Yoo
			J.K. Jeong
			J.H. Park

WED-P2-012	ID-015	Analysis of negative skin friction distribution on a single pile	Talal Awwad
			S. Al Kodsi
			V. Ulitsky
			A. Shashkin
			L. Awwad
WED-P2-013	ID-082	Incremental theory of hardening clay soil	Fayzulla Ikramov
			M. Yakubov
Publish Only	ATC7-010	Comparative analysis of the method of calculating the settlements of the foundations according to the field soils tests by a wedging dilatometer with the results of monitoring the precipitation of the foundations of real buildings	Leonid V. Nuzhdin
			K. Pavluyk
			M. Nuzhdin
			A. Khasanov
			Z. Khasanov
Publish Only	ID-025	Calculation of vertical deformations of the rigid foundations on the soft soil improved by geotextile encased stone columns	Roman I. Shenkman
			A.B. Ponomaryov
Publish Only	ID-059	Three-dimensional unified theoretical approach to ultimate horizontal pullout capacity of vertical square anchor	Wei Hu
			Y. Chen
			W.-H. Gao
			L. Yong
			C.-F. Zeng
			Y.-X. Pen
Publish Only	RGS-005	Experimental investigation of rheological properties of Permian claystones and sandstones	Evgeniya Sychkina
			A. Ponomaryov
Publish Only	RGS-006	Study of retaining structures made of composite materials	Tatiyana Kasharina
Publish Only	KAZ-002	Modern design of energy efficient buildings	O. Semenyuk
			Y. Assanov
Lunch Symposium			
Lunch Symposium I	LS_I	The future of deep foundations, today	Mario A. Terceros H.
Lunch Symposium II	LS_II	Asia - future ready by design	Yang San Go
			Mike Tapley
			John Marwick
			Rossukhon Sapphakitkamjohn
			Alecs Chong
			Forest Cheung
			Fauzy Siddiqui
			Janis Chung
ATC19 Workshop			
ACT19W-001	ACT19W_001	The Wushantou Dam as culture heritage in Taiwan	Jian-Hong Wu
			D.H. Lee
			W.-T. Ko
ACT19W-004	ACT19W_004	Investigations of dams stability	Askar Zhussupbekov
			A. Aldungarova
			A. Tulebekova
			I. Zhumadilov
ACT19W-005	ACT19W_005	Electrical survey for continuous evaluation of filled structure for ancient manmade embankment	Yoshinori Iwasaki

ACT19W-006	ACT19W_006	Capacity of the temples and shrines for using as evacuation places and shelters against the tsunami hazard: the case study for the coastal area of Muroto, Kochi-Prefecture in Japan	Dowon Kim
			H. Tanaka
			T. Okubo
			M. Hayashi
ACT19W-007	ACT19W_007	The current state of Koyandy water reservoir and ways to improve its ecological state	A.S. Mamyr
ACT19W-008	ACT19W_008	Damage assessment of an ancient fort in India	Tamali Bhowmik
			H. Haridasan
			A. Menon
			S. Banerjee
ACT19W-009	ACT19W_009	The strengthening and renewal of damaged reinforced concrete structures by pre-stressed fiber reinforced plastics	A. Bespaev
			V. Khomyakov
ACT19W-010	ACT19W_010	The Koyandy soviet reservoir as the symbol of clean up water in Kazakhstan	Altynay Mamyr
			L. Utepbergenova
Others			
Publish Only	IRAQ-006	Water vapor transfer though unsaturated soils due to temperature variations and its effect on soil shear strength	Abdul Kareem Esmat Zainal