

第 15 届亚洲土力学及岩土工程学术会议论文摘要信息

No	Authors	Title of paper	Affiliation
1	Xing Liu, Rui Wang, Jian-Min Zhang	Three-dimensional finite element analysis of pile group dynamic response	Tsinghua University
2	Rui Wang, Jian-Min Zhang	Three-dimensional seismic analysis of single piles in liquefiable ground	Tsinghua University
3	Yang Li, Changhui Ma, Wei Huang, Ga Zhang	Numerical analysis of dewatering-induced deformation of foundation pit	Tsinghua University Central-South Architectural Design Institute Co. Ltd.
4	Xingxing Zhang, Jian-Min Zhang, Yanfeng Wen	An elasto-plastic constitutive model of rockfill material considering residual volumetric deformation	Tsinghua University China Institute of Water Resources and Hydropower Research
5	Honglin Lin, Jianhong Zhang	Experimental and numerical simulation of bonded granular materials	Tsinghua University
6	Liming Hu, Hui Wu, Pengwei Zhang, Peiyuan Zang	Mechanical characteristics of mine tailings and Stability of tailing reservoir	Tsinghua University
7	Quanmei Gong, Gaoxiao Han, Binglong Wang, Shunhua Zhou	The load sharing behaviour of geosynthetic-reinforced and pile-supported high-speed railway subgrade under fill and dynamic loads	Tongji University
8	Yu Huang, Lin Wang	Physicochemical characteristics of nanoparticles for seismic liquefaction mitigation	Tongji University
9	Linlong Mu, Maosong Huang	Small strain model based method for analysis of pile responses induced by excavation	Tongji University
10	Shijin Feng, Shifeng Lu, Dong Cheng	Insight into the shear behavior between geomembrane and clay using PFC2D	Tongji University
11	Xinping Fan, Maosong Huang, Haoran Wang	Stability analysis of MSW slope layered by ageing	Tongji University
12	Chongqiang Zhu, Yu	Numerical simulation of the earthquake-induced landslide run-out using	Tongji University

	Huang	modified MPS	
13	Junhui Luo, Linchang Miao, Wenbo Shi	The analysis and research of dynamic pore pressure	Southeast University
14	Junhui Luo, Linchang Miao, Wenbo Shi	Slope stability analysis of shilu iron mine	Southeast University
15	Guanghua Cai, Songyu Liu, Xu Zheng, Jingjing Cao	Experimental study on mechanical and acid-alkali properties of reactive magnesia carbonated-stabilized soil	Southeast University
16	Hanliang Bian, Songyu Liu, Guojun Cai, Ya Chu	Influence of diesel oil pollution on the electrical properties of soils	Southeast University
17	Ya Chu, Songyu Liu, Guojun Cai, Hanliang Bian	A study in the physical and electrical properties of silty clay contaminated by heavy metal zinc	Southeast University
18	Changsheng Wu, Zhiduo Zhu	Application and evaluation of bidirectional cement-soil mixing column with variable cross-section for soft foundation treatment in Jinjiang airport	Southeast University
19	C.F.Chiu, Suna Wang, Guohui Lei	Effects of microstructures on permeability of lead-contaminated soil stabilized by cement and rice husk ash	Hohai University
20	Junping Yuan, Yanling Lin, Peng Ding, Qianglin Wang	Shear behavior of the interface between expansive soil and sand liner during wetting-drying cycles	Hohai University
21	Gguohui Lei, H. S. Sun, C. W. W. Ng, A. C. F. Chiu	Stresses under linearly distributed pressures by extended Mindlin's equations	Hohai University Hong Kong University of Science and Technology
22	Chunlei Zhang, Qingsong Liu	A study on the bearing capacity of cemented layer overlaying dredged sediment	Hohai University Engineer, BGI Engineering Consultants LTD.
23	Jinfang Hou, Rongli Wang, Xiaoqiang Kou	Analysis on foundation settlement and island wall deformation of offshore artificial island	CCCC Tianjin Port Engineering Institute Co., Ltd.
24	Xiaoqiang Kou, Aimin Liu, Jinfang	Long-term settlement prediction of fast constructed artificial island	CCCC Tianjin Port Engineering Institute Co., Ltd.

	Hou, Aihua Liang		
25	Binbin Xu, Guoliang Ye, Aimin Liu, Toshihiro Noda	Stability analysis of large-diameter hollow steel cofferdam of artificial island taking soil disturbance into account	CCCC Tianjin Port Engineering Institute Co., Ltd., Nagoya University
26	Aimin Liu, Guoliang Ye, Yaotong Zhu	Research on consolidation characteristics of ultra-soft clay	Tianjin University, CCCC Tianjin Port Engineering Institute, Ltd.
27	Chenghua Wang, Zhengyi Wan, Chenglin Zhang	Experimental researches and numerical analyses of non-orthogonal rainfall infiltration on the surfaces of unsaturated sand slopes	Tianjin University
28	Shuwang Yan, Bingchuan,Guo, Liqiang Sun	Cracking mechanism of soft clay in evaporation and desiccation conditions	Tianjin University
29	Liqiang Sun	Numerical solutions for consolidation of under-consolidated dredger fills under surcharge and vacuum preloading	Tianjin University
30	Liang Dong, Suoting Hu, Guotang Zhao, Bin Niu, Degou Cai	Research on the influence law of bridge foundation settlement with seasonal underground water level change on high speed railway	China Academy of railway Sciences China Railway Corporation
31	Yangsheng Ye, Degou Cai, Hongye Yan, Jianping Yao, Qianli Zhang	The mechanism analysis of micro frost heave coarse-grained filling material in the high-speed railway	China Academy of railway Sciences China Railway Corporation
32	Guotang Zhao, Guotao Yang, Degou Cai, Hongye Yan, Jianping Yao, Qianli Zhang, Yangsheng Ye	Experimental study on frost heave of high-speed railway subgrade in the seasonally frozen region	China Academy of railway Sciences China Railway Corporation
33	Xin Huang, Yang Pan, Jin Pi, Jianwei Yang	Study on new cementitious materials used in super saline soil	Beihang University
34	Shiyang Li, Yu Hao, Yin Cheng, Xin Huang	Comparison of post-construction settlement of the foundation with top sand layer and underlying mud layer treated by different methods	Beihang University
35	Yangping Yao, Shan Qu	Modeling small strain behaviors of overconsolidated clays	Beihang University

36	Jun Tong, Bi-wei Gong	Elastic modulus of saturated silt under different stress levels and radial stresses	Changjiang River Scientific Research Institute
37	Biwei Gong, Zhanlin Cheng, Jun Tong, Jun Liu, Ming Liu	Field test study on expansive soil canal of South to North Water Diversion Project	Changjiang River Scientific Research Institute
38	Bo Li, HaiTian, Biwei Gong	Centrifuge model tests of deposits slope under rainfall	Changjiang River Scientific Research Institute
39	Yuchao Li, Han Ke, Xing Tong, Yiduo Wen, Yunmin Chen	A large-scale test of consolidation behavior of soil-bentonite cutoff wall	Zhejiang University
40	Yanguo Zhou, Xiaoming Tan, Yunmin Chen, Daosheng Ling, Bo Huang	Mega-earthquakes and liquefaction hazards under long duration of shaking	Zhejiang University
41	Cong Ma, Longzhu Chen, Bing Chen	Experimental study on soft clay stabilized with cement-based stabilizer	Shanghai Jiaotong University
42	Jianliang Deng, Qiang Xu, Longzhu Che, Junichi Koseki	Simplistic Evaluation of the displacement of Tangjiashan Landslide in 2008 Wenchuan Earthquake, China	Shanghai Jiaotong University
43	Yanjing Teng, Rongnian Li	Experimental study on shear failure characteristic of spread foundations	Institute of Foundation Engineering, China Academy of Building Research
44	Weidong Wang, Jiangbin Wu	Monitoring and performance of foundation of shanghai world financial center	East China Architectural Design & Research Institute
45	Wenguang Fu	The application of composited soil nail wall in china	China JingYe Engineering Corporation Limited Company
46	Lingwei Kong, Zhiliang Sun, Aiguo Guo, Hai Tian	Influence of stress ratio and moisture condition of loose deposit on dynamic parameters and ground response spectrum	Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
47	Xiaoping Liao, Canyang Lin	Recognition and treatment of a super large scale landslide	Northwest Research Institute Co. ,Ltd of C.R.E.C.
48	Xiang Li, Xibing Li	Support vector regression approach for implicit limit-state function of slope reliability assessment	Central South University

49	Jianlin Ma, Dan Zhao, Yanxin Yang, Peng Sun	The challenge and development of geotechnical engineering of beijing-shanghai high-speed railway (BS HSR)	Southwest Jiaotong University
50	Qingke Nie, Bing Bai, Sichen Jiang, Tao Yu, Huawei Li	The transport processes of soluble contaminant in unsaturated soils under pond infiltration	Hebei Research Institute of Construction and Geotechnical Investigation Co. Ltd, Beijing Jiaotong University
51	Junneng Ye, Bin Chen	Practices in the design of excavation engineering for Ningbo rail transit	Ningbo urban rail transit project construction headquarters
52	Qiang Tang, Takeshi Katsumi, Yang Liu, Hui Chen	Influence of bioclogging on hydraulic conductivity of compacted soils	Soochow University Kyoto University
53	Fusheng Zha, Jingjing Liu, Xueqin Zhang, Chengbin Yang, Kerui Cui	The stress-strain properties of the cement stabilized/solidified chromium contaminated soils eroded by sodium chloride	Hefei University
54	ChengCheng Zhang, Honghu Zhu, Guoxiong Mei, Bin Shi	Modeling one-dimensional compression behavior of soft clay using fractional derivatives	Nanjing University
55	Yujing Hou, R Peng., X.D. Zhang., Q.L.Sun	Centrifuge model test of municipal solid waste landslide	China Institute of Water Resources and Hydropower Research
56	Chuang Yu, Liu Junfeng, Cai Xiaoqing	A pollutant migration model considering solute decay in layered soil	Wenzhou University
57	Hongxiang Tang	Cosserat continuum model and its application to numerical studies for the progressive failure of geotechnical engineering	Dalian University of Technology
58	X.W. Tang , X.W. Zhang, R. Uzuokab	Study of seabed pullout resistance on mobile platform's leg using adaptive time stepping method	Dalian University of Technology

59	Tingkai Nian, Haiyang Xu, Guangqi Chen	Numerical analysis of stability of 3-D slopes with concave- and convex-shaped corners	Dalian University of Technology
60	Rihong Zhang, Hongyu Chen, Kuihua Wang, Xiaonan Gong	Vertical and horizontal resistance of static bored precast concrete piles placed in cemented soil based on filed loading test results	Ningbo Zdoon Building Materials Group Co., Ltd Zhejiang University

