Table of Contents

	Preface	x
	Organization	xi
D	Keynote Papers	
1	Use of microbial technology in geotechnical engineering Jian Chu, Volodymyr Ivanov, Jia He and Viktor Stabnikov	1-4
2	A study on slow moving slopes L G Tham and Xu Kai	5-11
3	Bearing capacity and settlement behaviour of shallow foundations in unsaturated sands Sai K. Vanapalli and Fathi M. O. Mohamed	12-21
4	Development of Piled Geo-wall Hara, T., Tsuji, S., Yoshida, M. and Sawada, K.	22-29
5	Measurement of strain distribution along precast driven pile during full scale pile load test Faisal Ali and Lee Sieng Kai	30-39
6	Unique grouting material composed of calcium phosphate compounds S. Kawasaki and M. Akiyama	40-46
7	Stiffness Anisotropy and Resilient Modulus of an Unsaturated Soil under Static and Cyclic loads Charles W.W. Ng, C. Zhou and J. Xu	47-62
8	Nanoparticles for Geotechnical Engineering Mohd Raihan Taha	63-68
	Technical Papers	
	Geotechnique	69
24	Damage Assessment and Strengthening of R/C Building Constructed on Expansive Soils Osama M. A. Daoud	70-75

29	Gravitational Sphere Packing Method To Find The Porosity Of The Soil Particles With The Identical Size in cylindrical container Mohammad Mahdi Roozbahani, Bujang B. K. Huat, Afshin Asadi	76-78
34	Parametric Study of Piled Raft Foundations to improve the Design Method <i>Tohidi A., MH .Sadagiani</i>	79-84
39	Experimental Study of Suction-Monitored CBR test on Sand-Kaolin Clay Mixture Purwana, Y.M., Nikraz H., and Jitsangiam P.	85-90
41	Foundation Strengthening of Historic Buildings by Micropiles Azza M. Elleboudy	91-96
44	Group effects of piles due to lateral soil movement Hongyu Qin1 and Wei Dong Guo	97-102
45	Collapse-Settlement Calculations for Embankments Based on a Collapsible Soil Subgrade Moshe Livneh	103-108
46	The influence of trench soil properties on the accuracy of pressure cell measurements in an earthfill dam D. Elmi, A. A. Mirghasemi	109-112
50	Studying the effects of considering dilation angle over the performance of geotechnical elements using numerical methods Salman Hanifi, Amin Naeimabadi, Mohammad Reza Atrchian	113-117
50a	Comparing the excavating effect of single and twin tunnels on the earth surface settlement by numerical methods Amin Naeimabadi, Salman Hanifi, Mohammad Reza Atrchian	118-124
107	Excess Pore Pressure Characteristics of Sand Mat using Dredged Soil M.S LEE, K. ODA	125-130
110	Effect of clays fraction to california bearing ratio laboratory test value with and without soaked Soewignjo Agus NUGROHO, Syawal Satibi and Ferry Fatnanta	131-136
111	Compressibility Characteristics of Residual Soil Subjected to Microbial Treatment Lee Min Lee, Ng Wei Soon, and Yasuo Tanaka	137-140
115	Strength and aging of cement treated low plastic soils Fabien Szymkiewicz, Antoine Guimond-Barrett, Alain Le Kouby	141-145
119	Performance Of Cantilever Sheet Pile Supporting Excavation Adjacent To Strip Footing Yousry M. Mowafe, Ahmed M. Eltohamy and Ahmed A. Mohamed	146-153
119a	Enhancing Stability of Slopes with Cement Kilin Dust Sand Mixture Layer Al Serif M. Abd Alazez I, Ahmed M. Eltohamy and Ahmed Rusdy Towfek	154-161
122	The effect of confining stress on the analysis of excavations with adjacent existing buildings Sabzi Zahra, Fakher Ali	162-166
125	Bored Pile Socket in Erratic Phyllite of Tuang Formation D.E.L. Ong	167-171