

Twin International Conferences on
Geotechnical and Geo-Environmental Engineering
cum (7th) Ground Improvement Techniques
 23 – 25 June 2010, Seoul, S. Korea

CONFERENCE PROGRAMME

23rd June 2010 (Wednesday)	
1600-1800	Early Registration at Ibis Hotel lobby
1800-1900	Welcome reception for speakers & Invited Guests (other Guests – tickets at US\$50 each)
24th June 2010 (Thursday)	
0800	Registration continues at foyer of Conference venue, the Textile Center, 16 th Floor, Federation of Textile Industry Building
0900	<p>Conference Opening Session: -welcome by Conference Chairman, Prof H Y Jeon, Korea -Address by Guest of Honour, Prof Eun Chul Shin, Presiden, Korean Geosynthetics Society -reception</p>
0930	Briefing to delegates –by mistress of ceremonies Ms Amanda Quek
0940	<p>Keynote Session 1 - GT: Chairman: Dr SoonHoe Chew, National University of Singapore, Singapore <u>GT-Topics & Speakers:</u> "Green geosynthetics applications for environmental conservation through biodegradability and its evaluation" ... pg 127 Prof HAN-YONG JEON, Inha University, Korea and Jung-Jo Yuu</p> <p>"Sub sea tunnel projects in hard rock environment outside Norway " ..pg 301 Eivind Grøv and Dr KRISTIN HILDE HOLMØY, SINTEF Building and Infrastructure, Norway</p> <p>"Mass stabilization – a method for the reuse of TBT –contaminated sediments as a part of the harbour field in Helsinki, Finland" ... pg 137 Mr MIKKO LEPPÄNEN, Ramboll Finland Oy, Finland and J Havukainen</p> <p>"Rock cut slopes stability analysis in mountainous area" ... pg 143 Prof HUSAINI OMAR, Universiti Putra Malaysia, Malaysia, , M Y Nasib, Z M Yusoff, Azlan A Aziz and M K Yusof</p>
1140	<p>Keynote Session 2 - GI: Chairman: Dr Myint Win Bo, DST Consulting Engineers, Canada. <u>GI-Topics and Speakers</u> "Recent Development in Ground Improvement Methods".-NO TEXT Dr JIAN CHU, Nanyang Technological University, Singapore</p> <p>"Improving soft peaty soil by grouted stone columns for Punggol waterway, Singapore"... pg 15 Dr SOON HOE CHEW, National University of Singapore, Singapore, T K Khoo, B J Koh, K E Chua, K C Ng, Y C Khong and C Luo</p>
1240	Lunch

Note: Names in bold, italics and underlined are speakers

24th June 2010 (Thursday) .. continues

1400	<p>Keynote Session 3 - GI: Chairman: Dr Jian Chu, Nanyang Technological University, Singapore <u>GI-Topics and Speakers:</u> "New Technologies for Soil Improvement in China" ..NO TEXT <u>Prof HAN-LONG (DRAGON) LIU</u>, Hohai University, China</p> <p>"Application of ground improvement and ground engineering in civil engineering industry and beyond" ... pg 1 <u>Dr MYINT WIN BO</u>, DST Consulting Engineers, Canada</p> <p>"The advances in biaxially-reinforced composite foundation"... pg 25 <u>Prof J J ZHENG</u>, Huazhong University. of Science & Technology, China, and Bao-Guo Chen</p>
1530	Afternoon Refreshments
1545	<p>Technical Session 1 - GT: Chairman: Yasuyuki Nabeshima, Akashi College of Technology, Japan <u>GT-Topics and Speakers:</u> "A new ground improvement method using super well point technology – a trial study in Singapore"... pg 69 S H Chew, K E Chua, W S Chia, P L Goh, S Takahashi and <u>Mr K H LIEW</u>, New Strategics Pte Ltd, Singapore</p> <p>"A study on composite technology for earth slope protection"... pg 199 <u>Dr MD. ZAKARIA HOSSAIN</u>, Mie University, Japan</p> <p>"An oedometric investigation on post-surcharge secondary compression behaviors"... pg 193 <u>Prof TAO WEI FENG</u>, Chung Yuan Christian University, Taiwan</p> <p>"Non-linear analysis of reinforced earth walls under earthquake loading"... pg 261 <u>Prof ALIREZA RAHAI</u>, Amirkabir University of Technology, Iran</p>
1700	<p>Technical Session 2 - GT: Chairman: Dr Md. Zakaria Hossain, MIE University, Japan <u>GT-Topics and Speakers:</u> "Seismic failure surface control in the partially reinforced embankments in small-scale model tests" ... pg 245 <u>Dr Y NABESHIMA</u>, Akashi College of Technology, Japan, S Tomohisa and K Nakata</p> <p>"Geotechnical and rheological properties of landslides in the Saguenay Fjord, Quebec, Canada" pg 209 <u>Dr SUENG WON JEONG</u>, Cemagref, Grenoble, France, J Locat, S Leroueil, P Locat, A Locat and C L Levesque</p> <p>"An experimental study on the behaviour of shale rockfill materials using laboratory scale test" ... pg 251 N I M Pauzi, <u>Prof HUSAINI OMAR</u>, Universiti Putra Malaysia, Malaysia, R C Omar, A H Johar and A M Saadun</p> <p>"Geo-environmental site characterization at a waste disposal site using traditional geotechnical in situ techniques"... pg 153 <u>Dr RANA A AL-FARES</u>, Kuwait University, Kuwait and R S Al-Jarallah</p>
1815	Adjournment for the first day
1900	Conference Dinner (venue to be announced)

25th June 2010 (Friday)

0915	<p>Technical Session 3 - GI: Chairman: Dr HanLong Liu, Hohai University, China <u>GI-Topics and Speakers:</u> "Engineering site selection considerations for reclamations in Hong Kong"... pg 97 <u>Mr ALEXANDER MACKAY</u>, Snowy Mountain Eng Corporation Asia Ltd, Hong Kong SAR China</p> <p>"Grout injection into porous media: application for stability against slope failure"...pg 51 <u>Dr LARRY P CHEGBELEH</u>, National Institute of Advanced Industrial Science. & Technology, Japan, M Nishigaki and A Marui</p> <p>"Building vibrations due to deep vibro processes"...pg 33 M Achmus, Mr <u>JIMMY WEHR</u>, Keller Holding GmbH, Germany and T Spannhoff</p> <p>"Strength characteristics of copper slag-cement-treated Singapore marine clay"... pg 59 S H Chew, Mr <u>SANJAY KUMAR BHARATI</u>, National University of Singapore, Singapore H T Tan, C J Hua and H Tam</p> <p>"Effects of additives on shear strength parameters of Kashmore soil"... pg 91 <u>Prof SHAUKAT ALI KHAN</u>, University of Engineering & Technology, Pakistan, Mohammad Ejaz Shahid and Zaeem Siraj Khan</p>
1045	Morning Refreshments
1100	<p>Technical Session 4 - GI: Chairman: Larry Pax Chegbeleh, National Institute of Advanced Industrial Sc & Technology, Japan <u>GI-Topics and Speakers:</u> "Reduced secondary consolidation of peaty ground improved by vacuum preloading"... pg 79 <u>Mr H HAYASHI</u>, Civil Engineering Research Institute for Cold Region, Japan, and S Nishimoto</p> <p>"A centrifuge model test concerning seismic reinforcement of embankments on peaty ground". pg 87 <u>Mr SHIN'ICHI KAJITORI</u>, Civil Engineering Research Institute for Cold Region, Japan, S Nishimoto, H Hayashi and H Hashimoto</p> <p>"Mechanical response improvement of crushed rock with cement modification"... pg 285 <u>Mr KOMSUN SIRIPUN</u>, Curtin University of Technology, Australia, P Jitsangiam and H Nikraz</p> <p>"Improving the physical and hydraulic properties of porous clay capsules from a subsurface point source"... pg 113 <u>Mr HOJJAT GHORBANI VAGHEI</u>, Tarbiat Modares University, Iran, HoseinAli Bahramia, Parvin Alizadehb, Farzin Nasiri Saleh and Zana Mahallatia</p>
1215	Lunch
1315	<p>Technical Session 5 - GT: Chairman: Prof Husaini Omar, University Putra Malaysia, Malaysia <u>GT-Topics and Speakers:</u> "Bearing capacity of footings resting on soft clay reinforced by columnar elements: experimental study"... pg 227 <u>Dr M MARAIE</u>, Minufiya University, Egypt, Basuony El-Garhy and Abdel-Fattah Youssef</p> <p>"Settlement Reduction of Shallow Strip Foundations with Geogrid Resting on Desert Sand".NO TEXT <u>Dr MOHAMMED Y AL-AGHBARI</u>, Sultan Qaboos University, Oman</p>

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1345	<p>Technical Session 5 - GT:.. continues</p> <p>"Effect of drivage behavior of cutting machine for pipe jacking system on stability of surrounding soil" pg 271 Mr TORU SATO, Kyushu University; Japan, T Suzuki, H Shimada, T Sasaoka and K Matsui</p> <p>"The study of landslide using slope stability radar within failure SS_P4_028 in PT Newmont, Nusa Tenggara Barat, Indonesia" ... pg 177 Mr MARWAN ASOF, Sriwijaya University, South Sumatera, Indonesia, E W Dyah Hastuti, H I Manuhutu and Yuda Nasution</p> <p>"Geotechnical properties improvement of disturbed "Tabriz Marl" by chemical method"text not in proc Mr E EBRAHIMNEZHAD SADIQ, Larzeh Sakht Savalan Consulting Engineers Iran; Larzeh Sakht Savalan, Geotechnical Consulting Engineers, Iran, M A Mojtahedi, And R Noori Asl,</p>
1515	<p>Technical Session 6 - GT: Chairman: Prof R A Al-Fares, Kuwait University, Kuwait GT-Topics and Speakers: "Geochemical and numerical approaches for seawater intrusion assessment in a small tropical island Aquifer"... pg 169 Mr AHMAD Z ARIS, Universiti Putra Malaysia, Malaysia S M Praveena, M K Yusoff, H Omar and M F Ramli</p> <p>"Experimental study on a restoration method by using grouting material for pipeline positions" ... pg 219 Mr MASASHI KOMURA, Kyushu University, Japan, K Araki, H Shimada, T Sasaoka and K Matsui</p> <p>"Heat transfer and moisture movement in swelling clay"... pg 277 R M Singh and Mr NAM YOUNG DO, LOTTE Research & Development Institute, Korea</p> <p>"Transition design for a bridge approach embankment over soft ground using dry soil mixing technique"... pg 237 Mr T MUTTUVEL, Coffey Geotechnics Pty. Ltd., Australia, Richard Kelly and Kim Chan</p> <p>"The impact of groundwater to artificially compacted soils - experimental analysis"... pg 187 Ing MIROSLAV BROUCEK, Czech Technical University, Czech Republic and P Kuklik</p>
1645	<p>Closing Session – GT10GI: Chairman: Prof H Y Jeon, Inha University and Conference Chairman -panel discussion -citation and presentation of Awards of HC Papers-Dr M W Bo -Conference Chairman's remarks by Prof H Y Jeon -Vote of thanks to Chairman, Dr Jian Chu</p>
1700	<p>afternoon refreshments --adjournment of conference, See you again.</p>