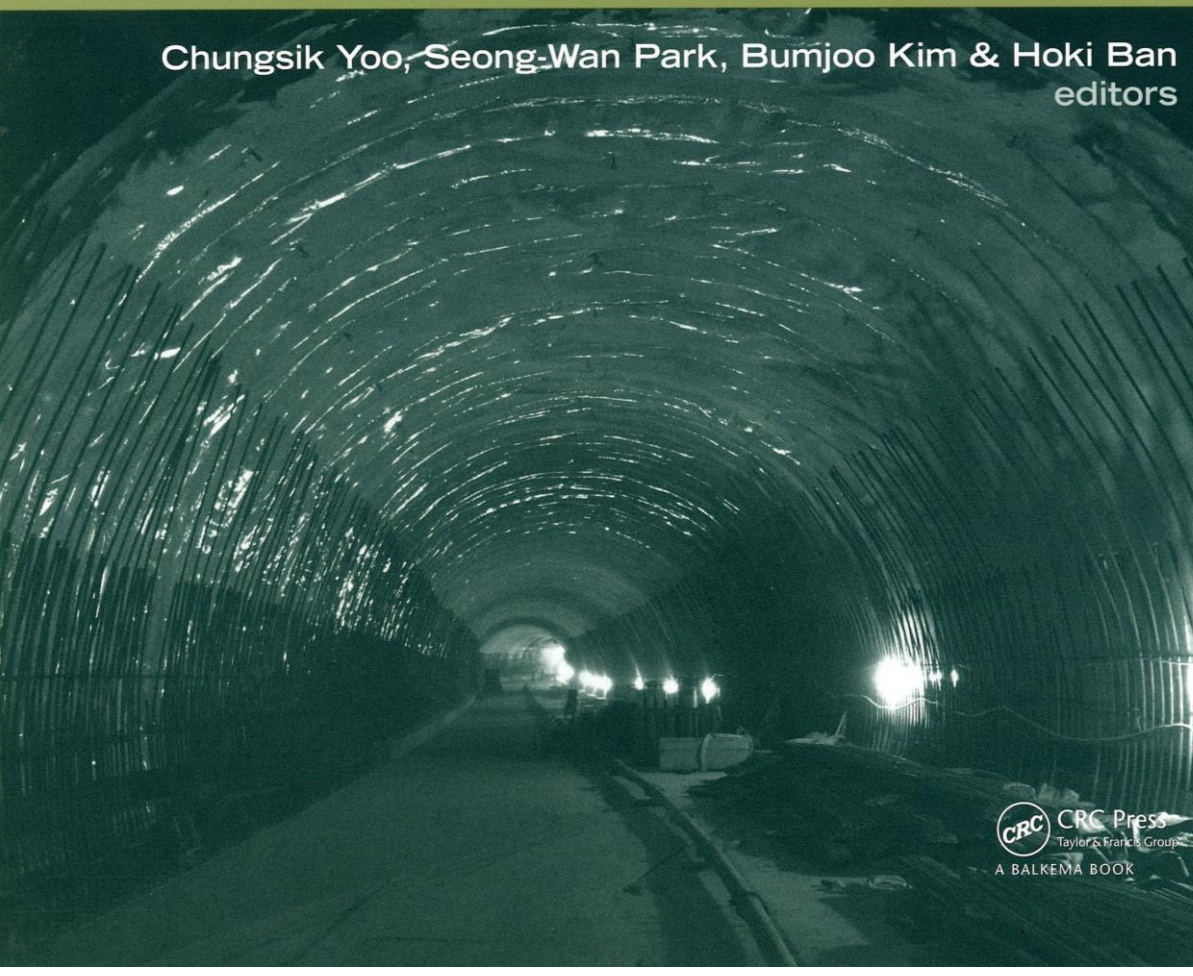




# GEO TECHNICAL ASPECTS OF UNDERGROUND CONSTRUCTION IN SOFT GROUND

Chungsik Yoo, Seong-Wan Park, Bumjoo Kim & Hoki Ban  
editors



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OF UNDERGROUND CONSTRUCTION IN SOFT GROUND (TC204 ISSMGE – IS-SEOUL 2014),  
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# Geotechnical Aspects of Underground Construction in Soft Ground

## *Editors*

Chungsik Yoo

*Sungkyunkwan University, Korea*

Seong-Wan Park

*Dankook University, Korea*

Bumjoo Kim

*Dongguk University, Korea*

Hoki Ban

*Hanyang University, Korea*



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## Table of contents

Preface	XI
Organization	XIII
Sponsors	XV
 <i>Keiichi Fujita lecture</i>	
Urban development: Decisions making processes in the planning of sub-structure construction <i>H.D. St. John</i>	3
 <i>Keynote lectures</i>	
Geotechnical optimization in underground construction <i>I.-M. Lee</i>	13
The influence of tunnelling and deep excavation on piled foundations <i>R.J. Mair &amp; M.G. Williamson</i>	21
E-Defense shaking test on large model of underground shaft and tunnels <i>I. Towhata, Y. Kawamata, M. Nakayama &amp; S. Yasuda</i>	31
 <i>Design, analysis, and construction of tunnels and underground space in soft ground</i>	
Tunnel design underneath the operating runway of Incheon airport <i>S.K. Kim, D.J. Choi, C.Y. Ahn, M.K. Jung, H.N. Moon &amp; Y.K. Kim</i>	43
Evaluation of movements and structural forces resulting from bored tunnelling in sand <i>B.C.B. Hsiung, C.C. Tsai, H.N. Huang &amp; W.Y. Song</i>	49
A new approach for seismic active thrusts in deep excavations <i>A.D. Garini</i>	55
Physical modelling and PIV analyses of an underground tunnel heading <i>J.S. Shiau, M.S. Sams &amp; R.J. Kemp</i>	61
Effect of repeated shear deformation on twin tunneling – model test and finite element analysis <i>H.M. Shahin, S. Kuroi &amp; T. Nakai</i>	67
Reinforcing mechanism of anchor type retaining wall – model test and numerical analysis <i>T. Nakai, H.M. Shahin, K. Okuda &amp; M. Kato</i>	73
Three-dimensional arching effect on vertical circular shafts <i>S.S. Jeong, K.Y. Kim &amp; H.S. Lim</i>	79
South Toulon tube: 3D numerical back-analysis on in situ measurements <i>J.P. Janin, H. Le Bissonnais, A. Guilloux, D. Dias, R. Kastner &amp; F. Emeriault</i>	87
Evaluation of piping stability under dynamic conditions <i>K.H. Kim, G.C. Park, D.R. Kim &amp; J.H. Shin</i>	91
Analysis of the displacement caused by construction conditions at a rear side of sheet pile structures on soft ground <i>S.Y. Jung, J.S. Choi &amp; T.H. Kim</i>	97

## *Excavation and tunnelling in difficult ground conditions*

Deflection behavior of the steel pipe-jacking in soft soil seabed <i>L. Zhen, J.J. Chen, J.H. Wang, G. Cheng &amp; Q.H. Li</i>	105
Use of special jet grouting technologies for tunnel's crown and core advance consolidation – technical aspects and case studies <i>D. Vanni, M. Siepi &amp; G. Lunardi</i>	111
Geotechnical control for artificial ground freezing works in tunnel projects in Hong Kong <i>T.S.K. Lam &amp; P.L.R. Pang</i>	117
Evaluation of tunnel jacking induced ground surface heave <i>W.A. Prakoso &amp; Y. Lase</i>	123
Use of 3D finite element method for back study of a failed basement excavation in soft clay <i>S.S. Lin, J.C. Liao &amp; S.D. Yang</i>	129
Effect of wall batter angel on soil nail walls performance <i>E. Zolqadr &amp; S.S. Yasrobi</i>	133
Temporary support of excavation walls-case study <i>E. Zolqadr, M. Pasdarpour &amp; A. Golshani</i>	137
Effect of swelling of subgrade soil on the flexible pavement <i>M.R.M. Al-Qayssi</i>	141
Ground settlement trough due to DOT shield tunneling <i>Y.S. Fang, M.Y. Huang, C. Liu &amp; C.C. Kao</i>	147
Numerical simulation of artificial-freezing propagation for subsea-tunnel construction: Effect of refrigerant temperature and ground water <i>D. Lee, H.-J. Choi, K. Pham, I.-M. Lee &amp; H. Choi</i>	153

## *Physical and numerical modelling of deep excavation and tunnel*

Design of deep excavations in fine-grained soils accounting for changes in pore water pressures <i>L. Callisto, F. Maltese &amp; F. Bertoldo</i>	161
Study on characteristics of grease flow resistance by element test <i>M. Sugimoto, Y. Hirai, T.N. Huynh &amp; T. Tamai</i>	167
Numerical investigation of the effect of cross walls in reducing ground settlement induced by deep excavation <i>C.Y. Ou, P.G. Hsieh &amp; S.C. Chien</i>	173
3D numerical modelling of the impact of tunnelling in soft soil on buried pipelines <i>F. Emeriault &amp; K. Meng</i>	179
Physical modeling of soil-structure interaction in the subsidence area <i>H.L. Nghiem, F. Emeriault &amp; M. Al Heib</i>	185
Physical and numerical experimental study of stress-strain state of the structure lining of a shallow tunnel <i>A.C. Torres &amp; E.A. Padilla</i>	191
Tunnel modelling: Stress release and constitutive aspects <i>T.G.S. Dias &amp; A. Bezuijen</i>	197
Permanent increments of internal forces on a tunnel lining due to dynamic loadings <i>G. Lanzano &amp; E. Bilotta</i>	203
Numerical modelling of ground improvement techniques considering tension softening <i>H.F. Schweiger, P. Sedighi, S. Henke &amp; K.-M. Borchert</i>	209
Passive load estimation on single piles and pile groups from visco-plastic mud-flow <i>J. Aschrafi, C. Moormann &amp; D. Stolle</i>	215

3-Dimensional numerical modeling of SPB shield TBM tunneling-induced ground settlement considering volume loss processes <i>H.K. Park, S.B. Chang &amp; S.B. Lee</i>	221
Comparison of numerical and analytical methods of analysis of tunnels <i>H. Elarabi &amp; A. Mustafa</i>	225
<i>Interaction between underground construction and adjacent structures</i>	
Response of tunnels due to blast loading <i>R. Prasanna &amp; A. Boominathan</i>	235
Advanced numerical modelling of multi-storey buildings response to tunnelling <i>D. Boldini, V. Fargnoli, C.G. Gragnano &amp; A. Amorosi</i>	239
Numerical modelling of the interaction between a deep excavation and an ancient masonry wall <i>A. Amorosi, D. Boldini, G. de Felice, M. Malena &amp; G. Di Mucci</i>	245
Pile-tunnel interaction: A conceptual analysis <i>T.G.S. Dias &amp; A. Bezuijen</i>	251
Numerical analysis of a 36 m deep diaphragm wall – parametric study <i>M. Mitew-Czajewska</i>	257
Important aspects when modelling the interaction between surface structures and tunnelling in sand <i>G. Giardina, M.J. DeJong &amp; R.J. Mair</i>	263
Stability evaluation on widening of parallel tunnels <i>M.-H. Lee, S.-Y. Koh, B.-J. Kim, Y.-S. Jang &amp; J.-N. Yun</i>	269
Micro-disturbance construction in closely overlapped shield tunneling based on automatic monitoring <i>X.Y. Xie &amp; C. Liu</i>	275
Twist deformation of buildings from ground movements due to skewed-tunnel excavation <i>E. Namazi, H. Mohamad, A.K.B. Hong &amp; A.Y.M. Yassin</i>	281
Stiffness reduction in soft Chicago clay during deep urban excavations <i>Y.-H. Jung &amp; T.S. Kim</i>	287
<i>Monitoring of underground construction</i>	
Stress-path and piezometric head field analysis of soil during earth pressure balanced shield tunneling <i>A. Afshani &amp; H. Akagi</i>	295
Shield tunneling analysis and measures under elevated high-speed railway <i>G. Quanmei, S. Yao, Y. Xiaoming &amp; Z. Shunhua</i>	303
Application of close range photogrammetry to passive and active retaining wall model tests and numerical analysis <i>S.-M. Kong &amp; Y.-J. Lee</i>	309
In-situ monitoring of earth pressures upon large shield tunnel with small overburden <i>L. Han, G.L. Ye, J.H. Wang &amp; Z.H. Huang</i>	315
Monitoring dataset of deformations related to deep excavations for North-South Line in Amsterdam <i>M. Korff &amp; F.J. Kaalberg</i>	321
A case study of a deep excavation on a soft lacustrine clay of Bogota, Colombia, with emphasis between predicted and measured deformations <i>J.A. Pineda-Jaimes, L.A. Estevez &amp; N.A. Daza</i>	327
Probabilistic back-analysis of $K_0$ and deformation properties of fine soils found in Line 2 of Santiago Metro, Chile <i>M.O. Cecilio Jr., P.I.B. Queiroz, P.L. Valenzuela &amp; A. Negro</i>	333
Ground deformation measurement due to model tunnelling with tunnel roof reinforcement using close range photogrammetric technique <i>J.-H. Lee &amp; Y.-J. Lee</i>	341

Settlement analyses of underground circular tunneling in soft clay <i>J.S. Shiau, M.S. Sams, J. Zhang &amp; R.J. Kemp</i>	347
Monitoring of rock surface shape using laser scanner <i>C.H. Hong, T.M. Oh &amp; G.C. Cho</i>	353
Monitoring the effects of tunnelling under an existing tunnel-fibre optics <i>C.Y. Gue, M. Wilcock, M.M. Alhaddad, M.Z.E.B. Elshafie, K. Soga &amp; R.J. Mair</i>	357
Enhancement of filterability of fiber drainage using vibrational energy from polyvinylidene fluoride (PVDF) Film <i>Z.H. Xin, J.H. Moon, I. Kim &amp; Y.U. Kim</i>	363
<i>Risk management and mitigation</i>	
Settlements of buildings and buried pipelines induced by adjacent deep excavation in Shanghai soft ground <i>Y.P. Dong, H.J. Burd &amp; G.T. Houlsby</i>	369
Rock fissure grouting in Singapore granite for building protection during station construction <i>J.N. Shirlaw, W. Kay &amp; P. Venu</i>	375
Process simulation as a tool for TBM jobsite logistics planning <i>R. Duhme, T. Rahm, M. Scheffler, M. König &amp; M. Thewes</i>	381
Some construction experiences of a motorway road tunnel collapse <i>J. Mecsi</i>	387
Relevant relations in order to better assess preconsolidation pressure values for the design of underground constructions in soft ground <i>J.C. Gress</i>	393
Field tests of long-range design conical foundations in Karaganda coal basin <i>A.Zh. Zhussupbekov, B.A. Bazarov &amp; A.N. Konakbaeva</i>	397
Bearing capacity and deformation of the base of deep foundations' ground bases <i>I.T. Mirsayapov &amp; I.V. Koroleva</i>	401
A field case study on construction of underground passageway with non-open excavation method <i>Y.-S. Jang, S.M. Shin &amp; J.H. Hoe</i>	405
Macro earthquake hazard map for liquefaction potential using big data of site investigation <i>J.-S. Choi &amp; W.-H. Baek</i>	411
<i>Sustainable development of underground space and its application</i>	
Evaluation of the driving safety in a continuous tunnel by using the driving simulator <i>J.-Y. Yoo, Y. Kawahara, A. Enokida, S. Washio, Y. Tamaoki &amp; M. Shinji</i>	419
Case study of deep excavation in existing underground structure of three-story basement and diaphragm wall <i>C.J. Kuo, Y.K. Lin, C.L. Hung &amp; S.S. Lin</i>	423
Applying vacuum in one dimensional and isotropic test carried out in remolded material <i>M.R. Bonilla</i>	429
Impact of <i>in situ</i> stresses on underground cavern design <i>K.F. Chan &amp; P.C. Stone</i>	435
Design features of transport tunnels in difficult physical-geographical conditions of Kyrgyzstan <i>K.Ch. Kozhogulov, O.V. Nikolskaya &amp; G.A. Kadyralieva</i>	441
A preliminary study on the structural stability of room-and-pillar underground structures <i>C. Lee, H.-S. Shin &amp; S.-H. Chang</i>	445
Earth pressures against the excavation wall in a jointed rock mass <i>M. Son &amp; S. Adedokun</i>	449

Shallow tunnel construction using a new tunneling technique: M-CAM <i>J.H. Choi, J.H. Lee, J.S. Lim &amp; H. Cho</i>	453
Effect of soil-basement interaction on seismic responses of structures <i>D.K. Kim, D.S. Kim &amp; H.G. Ha</i>	457
<i>Climate change and environmental-friendly underground development</i>	
Outcomes of RRTT, a predictive exercise on the behavior of tunnels under seismic actions <i>E. Bilotta, F. Silvestri &amp; S.P.G. Madabhushi</i>	467
Groundwater drawdown induced ground settlement during tunneling – sensitivity analysis on influencing factors <i>C. Yoo &amp; E.M. Jung</i>	473
Construction of underpassing a crowded junction with shallow soil depth (case study, Tehran) <i>A. Golshani, M. Hosseini &amp; S. Majidian</i>	479
Seismic tunnel response in jointed rock mass <i>D.H. Park &amp; J.-K. Yoo</i>	485
A review: Microscopic approach on geosynthetic-soil interface <i>C.W. Kwak, I.J. Park &amp; J.B. Park</i>	489
Comparison of effects of complex initial stress state parameters on undisturbed loess dynamic properties <i>Y. Luo, Z. Wang &amp; H. Guo</i>	495
Study on performance of energy textile installed in tunnel by CFD analysis and field tests <i>C.H. Lee, S.W. Park &amp; H.S. Choi</i>	501
Observations on groundwater leakage through cracks and segment joints in a concrete segmental tunnel lining <i>V. Telliglu &amp; S. Lerpido</i>	505
Effect of polymer content on mechanical properties of thin spray-on liner <i>J.-T. Han, G.-P. Lee, S.-H. Chang &amp; M.-S. Choi</i>	513
Minimizing overbreak and underbreak using abrasive waterjet technology in underground excavation <i>T.M. Oh, G.W. Joo &amp; G.C. Cho</i>	517
<i>Mechanized tunnelling in soft ground</i>	
Soil pressures at the cutting wheel and the pressure bulkhead of an EPB-shield <i>A. Bezuijen &amp; A.M. Talmon</i>	523
Keeping the face support in soft ground TBM tunnelling <i>T. Babendererde &amp; P. Elsner</i>	531
EPB tunnelling in mixed geological formations: A case study <i>A. Di Mariano &amp; A. Gens</i>	539
The behaviour of the cast in situ retaining walls of Seville Underground <i>P. Arozamena, A. Jaramillo &amp; C. Oteo</i>	545
A numerical model for the tunnel boring machine interaction with soil <i>D. Festa, W. Broere &amp; J.W. Bosch</i>	551
TBM face stability & excess pore pressures in close proximity of piled bridge foundations controlled with 3D FEM <i>F.J. Kaalberg, J.A.T. Ruigrok &amp; R. De Nijs</i>	555
Directional control of EPB shield in spiral curve <i>C. Chanchaya &amp; S. Suwansawat</i>	561
Influence of intermediate principal stress on correction formula of bearing capacity of rock foundation <i>Z. Zhi-Min &amp; L. Wei-Dong</i>	567

Hanoi soft soils in salt – affected media <i>N.N. Truc &amp; B. Kirov</i>	571
Mechanical behavior of ground due to EPB shield TBM tunnel excavation passing through fractured zone <i>W.-S. Cho, K.-I. Song &amp; K.-Y. Kim</i>	577
Author index	581

## Preface

The 8th International Symposium on Geotechnical Aspects of Underground Construction in Soft Ground (IS-Seoul 2014) was held in Seoul, Korea from August 25 to 27 of 2014, and it was jointly organized by TC204 of International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) and the Korean Geotechnical Society. Technical Committee, TC204, “Underground Construction in Soft Ground” of ISSMGE was first established in 1989 as TC28 and has a major commitment towards collecting information concerning the geotechnical aspects of the design, construction, and analysis of deep excavation, tunnels, and large underground structures in urban environment. The first symposium was held in New Delhi in 1994, and six more symposia were held in London (1996), Tokyo (1999), Toulouse (2002), Amsterdam (2005), Shanghai (2008), and Rome (2011).

The symposium was held with the themes in line with the terms in reference to TC204, such as tunneling in soft ground, deep excavations, field monitoring, physical and numerical modelling, and mitigation measures. Nearly 100 papers have been submitted from all over the world, and the submitted papers were thoroughly peer-reviewed to maintain their quality. The inaugural Fujita Lecture was delivered by Dr. Hugh D. St. John along with four keynote lectures by distinguished scholars on a variety of topics during the symposium. Relevant technical sessions were organized to exchange new information and ideas through oral and poster presentations. Technical exhibition was held during the symposium, which offered the opportunity to all visitors including the delegates, to discover new services, tools, equipment, and materials, as well as the most advanced technologies in the field of underground works.

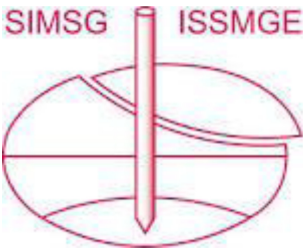
It is certain that IS-Seoul 2014 provided a platform for exchanging the state-of-the art technical information on a variety of topics relevant to the theme and opportunities to strengthen networking among the participants during the three-day symposium. The members of the Organizing Committee of IS-Seoul 2014 express sincere gratitude to all the participants. Special thanks are extended to the members of Organizing Committee for their hard work and dedication during the course of the preparation of this event. The success of this symposium would not have been possible without their support.

Chungsik Yoo  
Chair, Organizing Committee of IS-Seoul 2014

Organization

The 8th International Symposium on Geotechnical Aspects of Underground Construction in Soft Ground (IS-Seoul 2014) was organized by the Korean Geotechnical Society (KGS) under the auspices of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) – Committee TC204, and supported by the Korean Tunnelling and Underground Space Association (KTA).

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