

The 2nd Korea-India Geotechnical Engineering Workshop

Organized by

Korean Geotechnical Society (KGS) & Indian Geotechnical Society (IGS)

- Date:** September 21 (Thursday), 2017
- Theme:** “Geotechnical Challenges for Megacities”
- Venue:** COEX Convention Center, Seoul, Korea
(513, Yeongdong-daero, Gangnam-gu Seoul 06164, Korea)
<https://www.coexcenter.com/directions-map-subway/>
- Contact:** Korean Geotechnical Society (KGS), International Affairs
(Mr. Jisung Park, E-mail: kgssmfe@daum.net)

General Program (Tentative)

Time (Sept. 21)	Room E6
10:20 – 10:30	Opening of Workshop and Welcome
10:30 – 11:50	A: Morning Session
11:50 – 12:50	Lunch
12:50 – 14:10	B: Afternoon Session
14:10 – 14:20	Workshop Closure

Session Program

A Morning session Time: 10:30 – 11:50

Moderator: Prof. Bumjoo Kim (Dongguk Univ.) & Prof. A. Boominathan (IIT Madras)

Geocell Reinforcement Systems for Addressing the Geotechnical Challenges of Weak Soils
Murali K. Adapa & Sireesh Saride

Challengeable Excavation Work with Floating Superstructure
Won-Seok Seo, Il-Soo Jeon, Je-Man Lee & Sung-Han Cho

Near-Surface Geothermal Energy Harvesting through Piles-Challenges and Opportunities
Prasenjit Basu & Omid Ghasemi-Fare

A Study for Ground Subsidence Risk along with Intensity and Duration of Rainfall
Changho Choi, Jinyoung Kim & Jaemo Kang

Non-Invasive Geophysical Investigation for Subsurface Profiling in Urbanized Megacities
Arindam Dey, Mousumi Mukherjee, Jumrik Taipodia, Dipjyoti Baglari & Shibayan Biswas

B Afternoon session Time: 12:50 – 14:10

Moderator: Prof. D. Choudhury (IIT Bombay) & Prof. Cheolju Lee (Kangwon National Univ.)

Foundation Geotechnical Design and Construction of Lotte World Tower
Hee Jeong Yang & Jong Sun Kim

Seismic Dilatometer Test for Clayey Soil in Rajarhat Area of Kolkata
Abhipriya Halder, Saptarshi Nandi, Kaushik Bandyopadhyay & Dipanjan Basu

Spatial and Temporal Performance Assessment of Landslide Early Warning System in Busan, Korea
Seung-Rae Lee, Joon-Young Park & Deuk-hwan Lee

Panel Discussion

Numerical Modeling of Flat Dilatometer Test in Overconsolidated Clays to Study the Effect of Soil Stress History on Horizontal Stress Index K_D
Naresh Kumar Singam & Santiram Chatterjee

Influence of Sub-Base Anisotropy on Pavement Design
Lekshmi Suku & G.L. Sivakumar Babu

Factors Influencing Response of Pile Group in Liquefiable Soils: A numerical Approach
Kaustav Chatterjee & Deepankar Choudhury

Scrap Rubber Tires-Sand Mixtures for Seismic Base Isolation of Buildings
A. Bomminathan, B.R. Madhusudhan & Subhadeep Banerjee