

19th ICSMGE

19th International Conference on Soil Mechanics and Geotechnical Engineering

17~22 September 2017 Coex, Seoul, Korea



Overview



Title

19th International Conference on Soil Mechanics and Geotechnical Engineering

Date

17(Sun.) – 22(Thu.) September 2017

Place

COEX, Seoul

Expected no. of participants

Approx. 1,500 participants

Official Languages

English and French

Host/ Organiser International Society of Soil Mechanics and Geotechnical Engineering / Korean Geotechnical Society, 19th ICSMGE Organising Committee

Programmes

Day 1: Registration, Council Meeting, Welcome Reception

Day 2 : Opening Ceremony, Plenary Lectures, Special Lectures, Lunch

Day 3: Plenary Lectures, Special Lectures, Lunch, Gala Dinner

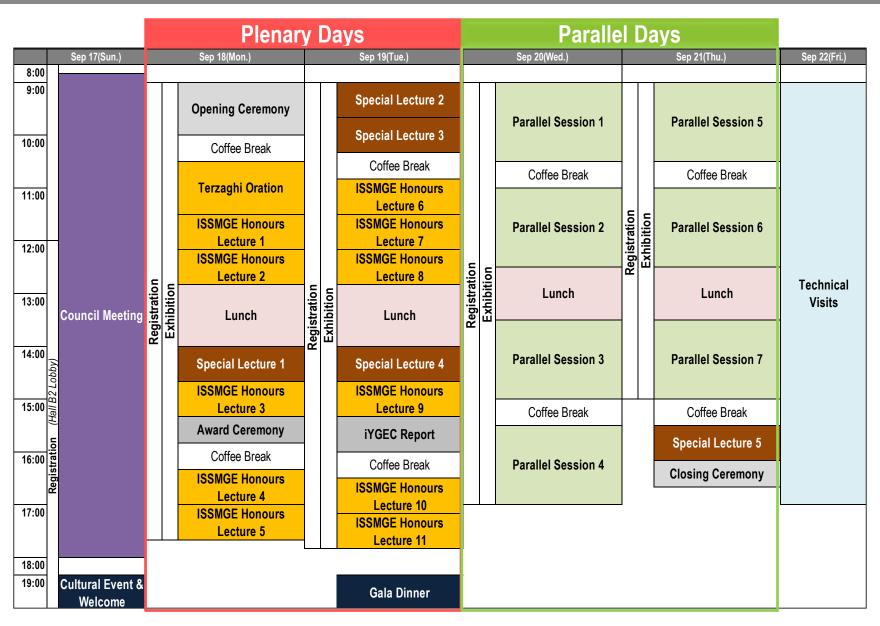
Day 4: Parallel Sessions, Poster Session, Lunch

Day 5: Closing Ceremony, Parallel Sessions, Poster Session, Lunch

Day 6: Technical Visits

Program at a Glance





Sessions



Plenary Sessions

- Terzaghi Oration
- 11 ISSMGE Honours Lectures
- 5 Special Lectures
- Award Ceremony
- iYGEC Report, etc.

Parallel Sessions

- 448 Presentations for Discussion Sessions
- 30 TC Workshops
- TC Meetings

Poster Sessions

500 posters

Plenary Sessions (Sep. 18-19)



1

Terzaghi Oration



Challenges and shortcomings in geotechnical engineering practice in the context of a developing country

Peter Day

South African Institution of Civil Engineers Geotechnical Division, South Africa

2

11 ISSMGE Honours Lectures



Bishop Lecture Modelling and testingDavid Muir Wood
University of Dundee, UK



James K. Mitchell Lecture
TBD
John Powell
GEOLABS, UK



TBD

Mark Randolph
University of Western Australia, Australia



Role of the Soil-Water
Characteristic Curve in
Unsaturated Soil Mechanics
Delwyn G. Fredlund
Golder Associates, Canada





From Fundamentals to
Applications in Compaction
Antonio Gomes Correia
University of Minho, Portugal



Louis Menard Lecture
Advancing the State-of-the-Art
in Soft Soil Stabilization
Buddhima Indraratna
University of Wollongong, Australia



Ishihara Lecture
Simplified Procedure for
Estimating Liquefaction-Induced
Building Settlements
Jonathan D Bray
University of California at Berkeley, USA



R. K. Rowe Lecture
Recent Advancements and
Applications of Chemical
Mario Manassero
Politecnico di Torino, Italy



Gregory Tschebotarioff Lecture
Reflections and Pitfalls of
Modern Day Foundation
Structure Interaction Analysis
Chris Haberfield
Golder Associates Pty Ltd, Australia



Kerisel Lecture
Geotechnics and Heritage
Carlo Viggiani
University of Napoli Federico II, Italy



Suzanne Lacasse Lecture
Reliability-Based Approach for
Robust Geotechnical Design
Farrokh Nadim
Norwegian Geotechnical Institute, Norway



5 Special Lectures



Heritage Lecture
Geotechnical Issues and
Preservation of Korean
Heritage Sites
Yeon-Soo Jang
Dongguk University, Korea



Municipal Solid Waste
Role of Stress Deformation
behavior of Municipal Solid
Waste (MSW) in landfill design
Sivakumar Babu G L
Indian Institute of Science, India



4

5

Urban Geohazard
Susceptibility Assessment of
Rainfall Induced Landslides
Myoung Mo Kim
Seoul National University, Korea



Korean Private Enterprise
DAELIM
HYUNDAI E&C
Heesong Geotek Co., Ltd



Host Society Lecture
Geo-Characterization using
Waves-Lab to Field
Jong-Sub Lee
Korea University, Korea

Award Ceremony

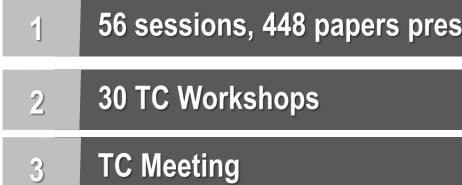
iYGEC Report, etc.

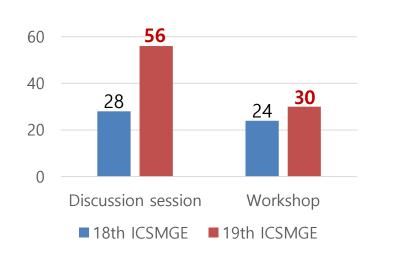
Parallel Sessions (Sep. 20-21)



• 75 countries, 750 papers accepted (Completed on February, 2017)

Country	Number of papers		
Japan	73		
USA	60		
Korea	59		
Australia	44		
UK	32		
China	30		
Mexico	23		
Iran	22		
France	22		
India	22		







53 Discussion Sessions

TC name	Number of Sessions
Laboratory Testing	4
In-Situ Testing	2
Numerical Methods in Geomechanics	3
Physical Modelling	2
Geo-mechanics	2
Unsaturated Soils	3
Dykes and Levees	4
Transportation	2
Earthquake	3
Underground Construction & Representation of Geo-Engineering Data	2
Safety and Serviceability	2
Interactive Design	1
Soil-Structure	2
	Laboratory Testing In-Situ Testing Numerical Methods in Geomechanics Physical Modelling Geo-mechanics Unsaturated Soils Dykes and Levees Transportation Earthquake Underground Construction & Representation of Geo-Engineering Data Safety and Serviceability Interactive Design

TC	TC name	Number of Sessions
TC208	Slope Stability	2
TC209	Offshore	2
TC210	Dams	2
TC211	Ground Improvement	4
TC212	Deep Foundations	3
TC213	Scour and Erosion	1
TC214	Soft Soils	2
TC215	Geo-Environmental	2
TC304	Risk	1
TC305	Megacities	1
TC306	Geo-education	1
TC307	Sustainability	1
TC308	Energy Geotechnics	1
JTC1	Natural Slopes and Landslides	1



30 TC Workshops

[TC102] Prof Silvano Marchetti Memorial Session on In-Situ Testing

[TC103] Numerical Methods for Emerging Geotechnical Applications: Challenges and Opportunities

[TC104] State Of The Art Masterclass And Recent Developments In Physical Modelling

[TC105] Geomechanics from Micro to Macro

[TC106] The State of Practice in Unsaturated Soil Mechanics

[TC202] Moisture and Compaction Measurements of Subgrade Soils and Stone Based Road Infrastructure Materials

[TC203] Lessons and Findings from Studies of Recent Large Earthquakes

[TC205] Discussion on Statistical/Reliability Methods for Eurocodes, Part I

[TC206] Developments in Interactive Design

[TC207] Recent Advances in Soil-Structure Interaction and design of Retaining Walls

[TC209] Foundation Design of Offshore Wind Structures

[TC211-TC218] MSE Walls and Reinforced Soil Slopes

[TC214] Recent Advances in Soft Soils Geotechnology Applications

[TC215] Environmental Geotechnics



[TC216] Frost Geotechnical Engineering

[TC217] Workshop on Land Reclamation Technologies

[TC302] Forensic Geotechnical Engineering

[TC303] Mitigation of Combined Geotechnical Hazards

[TC304] Discussions of statistical/reliability methods for Eurocodes, Part II

[TC305] Special Session - Geotechnical Infrastructure for Megacities and New Capitals

[TC306] GeoEngineering Education: What should graduates be able to do & What and How to teach to enable them to do it

[TC307] Sustainable Practices in Geotechnical Engineering

[TC308] Energy Geotechnics: Current and Future Challenges

[ATC7] Geotechnical Issues and Practices on Deltaic Deposits and Highly Compressible Soils

[ATC19] Special Session – Geotechnical Aspects of Preservation of Cultural Heritage and Historical Sites

[YMPG] Younger Member Forum

[FedIGS] Landslides, Data, and Education: A FedIGS perspective

[CAPG] CAPG/ TOC Workshop on State of the Art and State of Practice in Geotechnical Engineering Description

Official Social Events



Welcome Reception

Period : Sep. 17(Sun) / 19:00

Venue : Auditorium Lobby, COEX (3F)

Opening Ceremony

Period : Sep.18(Mon) / 09:00-10:00

Venue : Auditorium, COEX (3F)

Industrial inspection

Period: Sep. 22(Fri) / 09:00-17:00

Venue

Option 1) Sihwa Lake Tidal Power Station

+ Gwangmyeong Tunnel

Option 2) Dreampark (Landfill site)

+ Gyeongin Ara waterway

Option 3) Samsung Electronics

Gala Dinner

Period : Sep. 19(Wed) / 19:00

Venue : Grandballroom, COEX (1F)

Closing Ceremony

Period: Sep. 21(Thu) / 16:10-16:40

Venue : Grandballroom 103, COEX (1F)



Registration



Join 19th ICSMGE Today!

Early Bird registration deadline was extended until 30 June

https://www.icsmge2017.org/registration/registration_01.asp

Registration Category	Early Bird Registration	Regular Registration		
ISSMGE Member	USD 720	USD 830		
Non-Member	USD 770	USD 870		
Student	USD 220	USD 320		
Gala Dinner	USD 110			
Accompanying Person	USD 270			

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Exhibitors































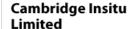






























































World-class Infrastructure





Safe and Pleasant Destination, Korea



About 17 million tourists visit and enjoy Korea for 1 year. The number of tourists increase steadily, and recently, Korea was ranked 1st as safe countries to travel from Numbeo.

South Korea government has been dealing with issues with North Korea and cooperating successfully with international societies.



Accommodation



Special rates have been secured for 19th ICSMGE

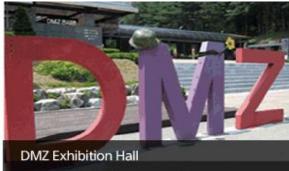
No.	Grade	Hotel	Room type	Room rate (KRW)	Distance to Venue	
1		Grand InterContinental Seoul Parnas	Deluxe	240,000	5 min. by walking	
2	Bolako		Superior	230,000	5 min. by walking	
Z			Elite	260,000		
2	3	Oakwood Premier	Studio Superior	240,000	9 min by walking	
S			COEX CENTER	1 Bedroom Superior	300,000	8 min. by walking
1	4 Deluxe ★★★ 6		LIDIO HOTEI	Standard Double	120,000	E min hy walking
4		URI& HOTEL	Standard Twin	130,000	5 min. by walking	
5		Aloft Seoul Gangnam	Aloft King	140,000	7 min. by car	
6		Mercure Ambassador Gangnam Sodowe	Standard Double	176,000	14 min. by car	
7	7 First Class ***	Hotal DEVTO Compoons	Superior (Single)	100,000	7 min by walking	
1		Hotel PEYTO Samseong	Deluxe Double/Twin	140,000	7 min. by walking	
8		Ibis Styles Ambassador Seoul Gangnam	Superior Double/Twin	120,000	10 min. by walking	
9		Gangnam Family Hotel	Deluxe Double/Twin	99,000	20 min. by car	



DMZ tour (08:00 ~ 17:00)

COEX – Freedom Bridge – The 3rd infiltration Tunnel – DMZ Theater / Exhibition Hall – Dora observatory – Dorasan Station – Unification Village Pass by – Drop off at COEX







City tour (09:00~18:00)

COEX – Gyeongbok Palace – The National folk Museum of Korea – Insadong – Lunch – Seoul Tower – Namsan Hanok Village – Myeongdong – Drop off at COEX









Writing Hangeul and Wearing Hanbok (09:00~13:00)

COEX – Namsan Hanok Village – Writing Hangeul (Korean Alphabet) – Hanbok Wearing Experience – Drop off at COEX





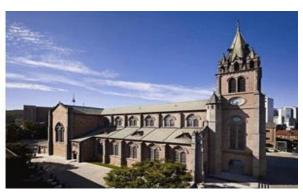


Hanji Craft Making (09:00~13:00)

COEX – Hanji Craft Making (Hand Mirror) – Myeongdong – Dop off at COEX









Post Tour: Gyeongju & Busan Tour (2N3D)

- COEX Gyeongju Lunch Tumuli Park cheomseongdae Observatory Gyeongju National Museum Day 1 -Dinner - Anapji Pond - Hotel
- Hotel Seokguram Grotto bulguksa Temple Lunch Busan Gamcheon Village Jagalchi Market Day 2 - Dinner- Hotel
- Day 3 Hotel – Haedong Yongungsa Temple – Haeundae Beach – Nurimaru APEC House – Lunch – Seoul - COEX









Post Tour: Jeju Island Tour (2N3D)

- COEX Flight to Jeju Yongduam Rock Lunch Mysterious Road Yeomiji Botanic Garden Day 1 chonjeyeon Fall – Mt. Songak & Yongmeori coast – Dinner – Hotel
- Hotel Manjang Cave Kimyoung Maze Park Seongsan Sunrise Peak Lunch Jeju folk village Day 2 Jusangjeolli – Convention Center – Blieve or Not Museum OR Teddy Bear Museum – Dinner – Hotel
- Day 3 Hotel – O'sulloc Tea Museum – Hyepje Beach – Lunch – Flight to Seoul





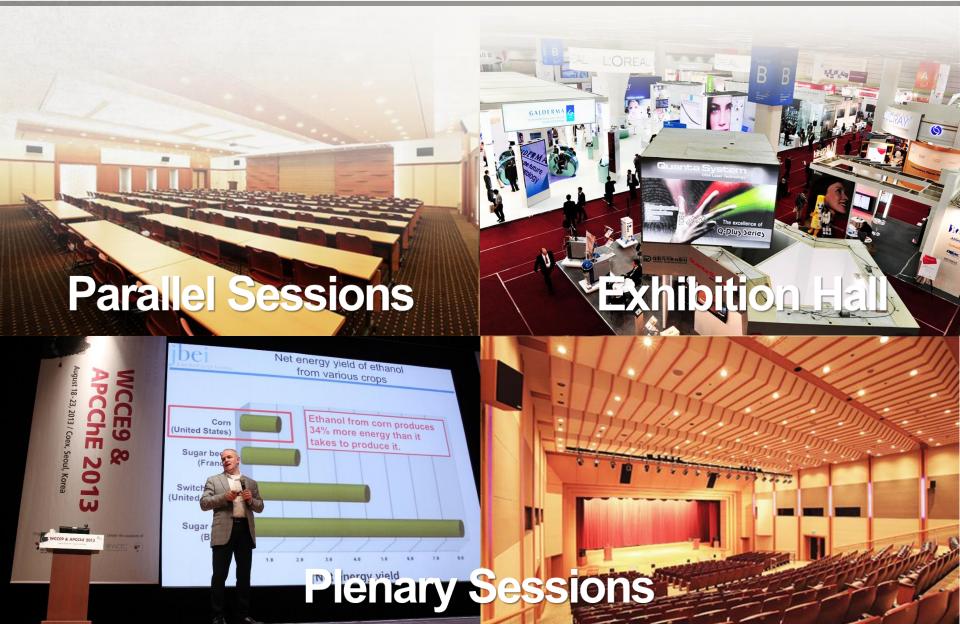


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Meeting Rooms & Exhibition Hall





Gala Dinner & Social Event





Gala Dinner & Social Event





