



# 19<sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering

17-22 September 2017 / COEX, Seoul, Korea

*UNEARTH THE FUTURE, CONNECT BEYOND [ ]*



International Society for  
Soil Mechanics and Geotechnical Engineering



Korean Geotechnical Society



Seoul 2017 **19th**  
**ICSMGE**

Unearth the Future, Connect beyond [ ]



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# INVITATION

On behalf of the Organising Committee for the 19<sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering (19<sup>th</sup> ICSMGE), we are pleased to welcome you all to the 19<sup>th</sup> ICSMGE to be held in Seoul, Korea, from 17 to 22 September 2017.


The theme of the 19<sup>th</sup> ICSMGE is “Unearth the Future, Connect Beyond [ ].” It is about bridging the gaps between past and future, between young and senior engineers, and between developing and developed nations among others. Making these connections is the key to greater innovations. The logo for the 19<sup>th</sup> ICSMGE Symbolises our vision where the colours represent how well and harmoniously living organisms, groundwater and strata coexist the way we hope different regions can coexist in harmony- while the waves represent the Han River, which is the heart of Korea’s economic growth.

The 19<sup>th</sup> ICSMGE will prepare various programmes, including Plenary Session, Parallel Sessions, iYGEC, Technical Visits, Exhibition, and Network Programmes. The Organising Committee would like to invite you all and share our experiences with member societies. We are ready to reach out and listen to various and valuable voices from member societies and are willing to reflect their wishes into the programme, serving as a rainbow bridge between member societies in ICSMGE and beyond.

Seoul, the 600-year old capital of the Republic of Korea, is an ineffable international city where traditional and modern cultures coexist side-by-side in perfect harmony. Seoul is home to 266 cultural properties including five grand royal palaces and is also a proud centre of the “Korean Wave” pop culture phenomenon that is adored by global citizens across borders. Foreign travellers are entitled to enjoy the city without any trouble as Seoul boasts an extensive public transportation system including convenient subways, buses and taxis serviced in four languages for foreign travellers, along with remarkably low crime rates and friendly people.

Please join the 19<sup>th</sup> ICSMGE with your colleagues and friends. We are sure that you will have a memorable and productive conference. We look forward to having the pleasure of welcoming you all to Seoul.

Best regards,



**Dong-Soo KIM**

Chair,  
19<sup>th</sup> ICSMGE Organising Committee



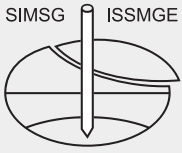
**Choong-Ki CHUNG**

Chair,  
19<sup>th</sup> ICSMGE Sponsorship Committee



# HOST ORGANISATIONS

SIMSG ISSMGE



## INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING (ISSMGE)

The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) is an international professional association, today based in London, representing engineers, academics and contractors involved in geotechnical engineering. It is a federation of 89 member societies representing 90 countries around the world, which together give it a total of some 19,000 individual members. The International Society had its origins in the First International Conference on Soil Mechanics and Foundation Engineering held in Harvard in 1936. A total of 206 delegates attended from 20 countries. The International Society had become firmly established in 1957, ISSMGE has experienced a rapid growth in membership, the 32 Member Societies and 2500 individual members in 1957 increasing to 50/11500 in 1977 and 71/16500 in 1998.

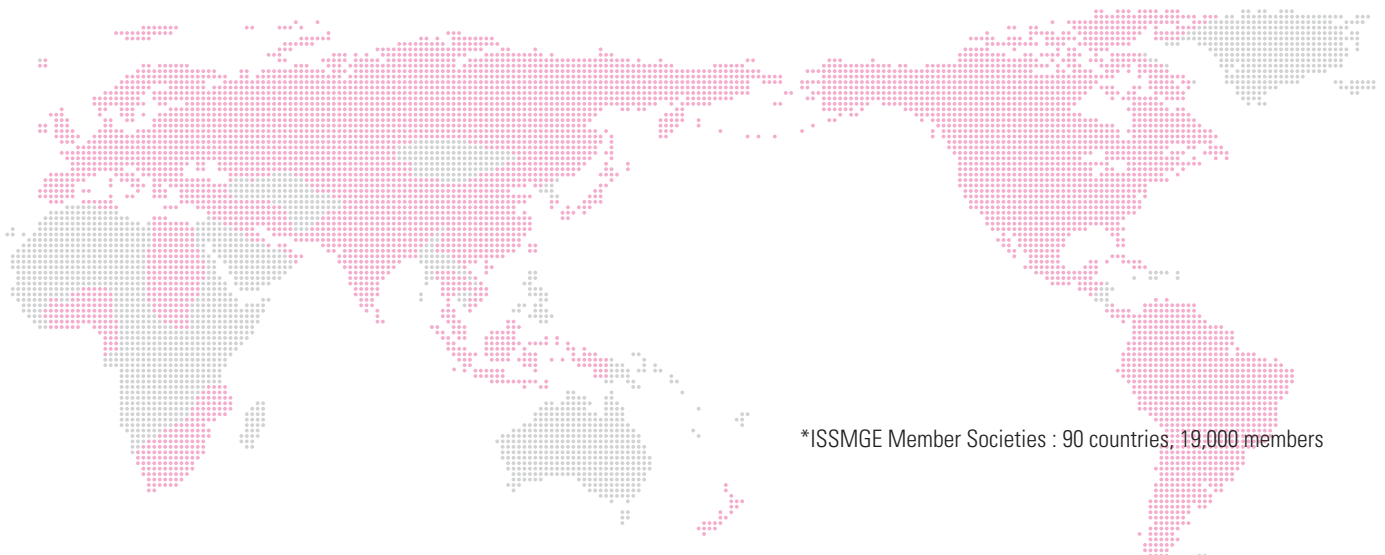


## KOREAN GEOTECHNICAL SOCIETY (KGS)

Korean Geotechnical Society, KGS, one of the most active and largest technical societies in Korea, was founded in 1984 and joined ISSMGE in 1989. Since its launch, the KGS has been at the forefront of shaping Korea's construction industry and geotechnical research. The KGS holds biannual conferences in spring and fall and publishes the Journal of the Korean Geotechnical Society monthly and the International Journal of Geotechnical Engineering quarterly.

## PAST CONFERENCE

NO	DATES	COUNTRY, CITY	ATTENDEES
19 <sup>th</sup>	September 2017	Korea, Seoul	2,000
18 <sup>th</sup>	September 2013	France, Paris	2,000
17 <sup>th</sup>	October 2009	Egypt, Alexandria	1,600
16 <sup>th</sup>	September 2005	Japan, Osaka	2,000
15 <sup>th</sup>	August 2001	Turkey, Istanbul	1,500
14 <sup>th</sup>	September 1997	Germany, Hamburg	2,000
13 <sup>th</sup>	January 1994	India, New Delhi	1,800
12 <sup>th</sup>	August 1989	Brazil, Rio de Janeiro	1,411
11 <sup>th</sup>	August 1985	USA, San Francisco, CA	2,300
10 <sup>th</sup>	June 1981	Sweden, Stockholm	2,000



\*ISSMGE Member Societies : 90 countries, 19,000 members

# ORGANISING COMMITTEE OF 19<sup>TH</sup> ICSMGE

## STEERING COMMITTEE

### Chair

- Dong-Soo KIM, KAIST

### Vice-chair

- Seung Mock SHIN, Saegil Engineering & Consulting. Co. Ltd

### Assistant administrator

- Gye-Chun CHO, KAIST

### Members

- Dong-Hoon SHIN, K-water
- Tae-Hyuk KWON, KAIST
- Ilhan CHANG, Korea Institute of Civil Engineering and Building Technology
- Heon-Joon PARK, KAIST

## SCIENTIFIC COMMITTEE

### Chair

- Woojin Lee, Korea University

### Vice-chair

- Yeong-Ho PARK, Hyundai Engineering & Construction Co., Ltd.

### Assistant administrator

- Jong-Sub LEE, Korea University

### Members

- Yong Joo LEE, Seoul TECH
- Hyun-Ki KIM, Kookmin University
- Changho LEE, Chonnam University

## PROGRAMME COMMITTEE

### Chair

- Sangseom JEONG, Yonsei University

### Vice-chair

- Nag-Young KIM, Korea Expressway Corp.

### Assistant administrator

- Jae-Soon CHOI, Seokyeong University

## FINANCE COMMITTEE

### Chair

- Choong-Sik YOO, Sungkyunkwan University

### Vice-chair

- Ki-Seog KIM, HeeSong Geotek Co., Ltd.

### Assistant administrator

- In-Kyu KANG, VNIEL Consultant Co., Ltd.

## PUBLIC RELATIONS COMMITTEE

### Chair

- Hankyu YOO, Hanyang University

### Vice-chair

- Sang Jae HAN, Expert Group for Earth and Environment

### Assistant administrator

- Bumjoo KIM, Dongguk University

### Members

- Hongsung LEE, Hyundai Engineering & Construction Co., Ltd.
- Sisam PARK, GS Engineering & Construction Corp.
- Janguen LEE, Korea Institute of Civil Engineering and Building Technology
- Joseph Seungmin LA, POSCO
- Jonghwa WON, Daewoo Shipbuilding & Marine Engineering Co., Ltd.

## IYGEC COMMITTEE

### Chair

- Moonkyung CHUNG, Korea Institute of Civil Engineering and Building Technology

### Vice-chair

- Seok-Yeon CHOO, Danwoo ENC

### Assistant administrator

- Tae Sup YUN, Yonsei University

### Members

- Hyu-Soung SHIN, Korea Institute of Civil Engineering and Building Technology
- Yun Wook CHOO, Kongju University
- Jaehyun PARK, Korea Institute of Civil Engineering and Building Technology
- Hang Seok CHOI, Korea University
- Duhee PARK, Hanyang University
- Dong-wook KIM, Incheon University
- Wanjei CHO, Dankook University

## SPONSORSHIP COMMITTEE

### Chair

- Choong-Ki CHUNG, Seoul National University

### Vice-chair

- Sunghan CHO, GS Engineering & Construction Corp.

### Assistant administrator

- Young-Hoon JUNG, Kyung Hee University

### Members

- Je-Don HWANG, ESCO Consultant Ltd.
- Soon-sung NAM, Ejtech
- Sang-Heon LEE, Dasan Engineering Co., Ltd.
- Seung Won LEE, Hyundai Engineering & Construction Co., Ltd.
- Sung-Min CHO, Korea Expressway Corp.
- Sung Min CHO, Pyeongwon Engineering Co., Ltd.
- Seung Yong JUNG, I'm ENC Co., Ltd.
- In-Sung JANG, Korea Institute of Ocean Science & Technology
- Kyung Taek KIM, Daelim Industrial Co., Ltd.
- Jae-Kwan KIM, SK E&C Co., Ltd.
- Yeon Jung KIM, Yooshin Engineering Corp.
- Chang-Ho CHOI, Korea Institute of Civil Engineering and Building Technology
- Seung Mock SHIN, Saegil Engineering & Consulting. Co. Ltd
- Myung Jae LEE, DODAM Engineering Co., Ltd.
- Man-Kyu PARK, Dongah Geological Engineering Co., Ltd.

# CONFERENCE OVERVIEW



## CONFERENCE OVERVIEW

<b>T I T L E</b>	19 <sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering (19 <sup>th</sup> ICSMGE)
<b>T H E M E</b>	Unearth the future, Connect beyond [ ]
<b>P E R I O D</b>	17 – 22 September 2017
<b>V E N U E</b>	COEX, Seoul, Korea
<b>H O S T E D B Y</b>	International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
<b>O R G A N I S E D B Y</b>	Korean Geotechnical Society (KGS), 19 <sup>th</sup> ICSMGE Organising Committee
<b>N O . O F P A R T I C I P A N T S</b>	About 70 countries, 2,000 participants
<b>N O . O F A B S T R A C T S</b>	500 abstracts
<b>E X H I B I T I O N</b>	100 booths
<b>W E B S I T E</b>	<a href="http://www.icsmge2017.org">www.icsmge2017.org</a>

## TOPICS

- 1 Laboratory Testing and Modeling
- 2 Small and Large Works
- 3 Natural Hazards
- 4 Environmental Preservation and Sustainable Development
- 5 Geotechnical Cultures and Responsibilities
- 6 Future Technological Innovation

**PROGRAMME AT A GLANCE (TENTATIVE)**

	17 Sep. (Sun)	Plenary Days		Parallel Days		22 Sep. (Fri)				
		18 Sep. (Mon)	19 Sep. (Tue)	20 Sep. (Wed)	21 Sep. (Thu)					
09:00	Registration (Hall B2 Lobby)  Council Meeting	Registration (Hall B2 Lobby) Exhibition (Exhibition Hall D2)	Opening Ceremony	Special Lecture	Registration (Hall B2 Lobby) Exhibition (Exhibition Hall D2)	Registration (Hall B2 Lobby) Exhibition (Exhibition Hall D2)	Technical Visits			
10:00			ISSMGE Honours Lecture	ISSMGE Honours Lecture				Parallel Session	Parallel Session	
			Coffee Break	Coffee Break				Coffee Break	Coffee Break	
11:00			Terzaghi Oration	ISSMGE Honours Lecture						Parallel Session
			ISSMGE Honours Lecture					Special Lecture	Lunch	
12:00				ISSMGE Honours Lecture				Parallel Session		Parallel Session
13:00				Lunch				Lunch	Lunch	Lunch
14:00				ISSMGE Honours Lecture				ISSMGE Honours Lecture	Parallel Session	Parallel Session
15:00				Coffee Break				Special Lecture	Coffee Break	Coffee Break
								Coffee Break		
16:00		ISSMGE Honours Lecture	Award Ceremony	Parallel Session	Special Lecture					
		Special Lecture	iYGEC Report		Closing Ceremony					
17:00										
18:00	Cultural Event & Welcome Reception		Gala Dinner							
19:00										



# SPONSORSHIP



The Organising Committee of 19<sup>th</sup> ICSMGE welcomes all kinds of sponsorships from interested companies and organisations. By sponsoring at the 19<sup>th</sup> ICSMGE, you will be able to interact with participants and communicate the true value of your company / organisation and services to the leading international audience.

## BENEFITS FOR SPONSORSHIP

CATEGORY		DIAMOND	PLATINUM	GOLD	SILVER	BRONZE
		OVER \$50,000	OVER \$30,000	OVER \$10,000	OVER \$5,000	OVER \$3,000
Registration	Free Registration	5	4	3	2	1
Social Event	Free Tickets for Gala Dinner	4	3	2	1	1
Publicity (prior to Conference)	Logo Exposure on Website	✓	✓	✓	✓	✓
	Banner Exposure on Website	✓	✓	-	-	-
	Logo Exposure on SNS Pages	✓	✓	✓	✓	-
	Logo Exposure on Mobile App	✓	-	-	-	-
	Logo Exposure in E-Newsletter	✓	✓	✓	✓	✓
Publicity (during Conference)	Logo Printed on the Event Signage	✓	✓	✓	✓	✓
	Programme Book Advertisement (Color, A4 Size)	1 Page	1 Page	½ Page	¼ Page	-
	Logo Printed on the Name Badges	✓	-	-	-	-

## IN-KIND SPONSORSHIP

CATEGORY	DETAILS	AMOUNT (USD)	
A	Welcome Reception	<ul style="list-style-type: none"> <li>• Logo Exposure on Event Signage</li> <li>• Logo Exposure in Programme Book and on Website</li> </ul>	40,000
B	Gala Dinner	<ul style="list-style-type: none"> <li>• Logo Exposure on Event Signage</li> <li>• Logo Exposure in Programme Book and on Website</li> </ul>	70,000
C	Lunch (4 Times)	"Sponsor Company Name's Lunch" Title	20,000/time
D	Coffee Break (8 Times)	"Sponsor Company Name's Coffee Break" Title	7,000/time
E	Souvenir	Logo Printed on The Souvenir	20,000
F	Programme Book Advertisement	Full Color Advertisement inside Programme Book	2,000

\* We offer every sponsorship on a "first come, first served" basis and please note that terms and conditions are subject to change.

# EXHIBITION

## ●● EXTEND YOUR MARKET AND NETWORK WITH THE 19<sup>TH</sup> ICSMGE

- Get worldwide media attention through various kinds of events
- Exhibit your latest research and products to promote and advertise during the Conference
- Exchange the latest technology, information and expertise on Geotechnical Industry
- Find potential partners and investors, and meet industry experts from all over the world

## ●● EXHIBITION INFORMATION

- Exhibition Venue  
Hall D2, 3<sup>rd</sup> Floor, COEX  
Samseong-dong, Gangnam-gu, Seoul 135-731, Korea
- Exhibition Period (subject to change)

CLASSIFICATION	DATE	TIME	REMARKS
Deadline for application	May 2017		
Booth Construction		08:00-	Only freight truck is allowed to enter Hall D2
Exhibitor Registration	17 September 2017	14:00-17:00	Registration Desk
Assembling		16:00-20:00	Booth Decoration / Electricity supply available
Exhibition	18-20 September 2017	09:00-17:00	
	21 September 2017	09:00-16:00	
Dismantling	21 September 2017	16:00-20:00	



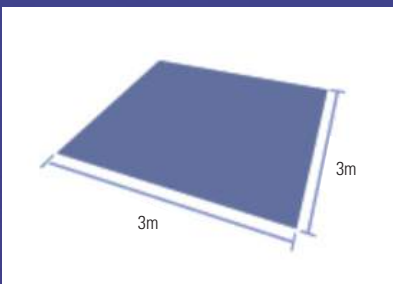
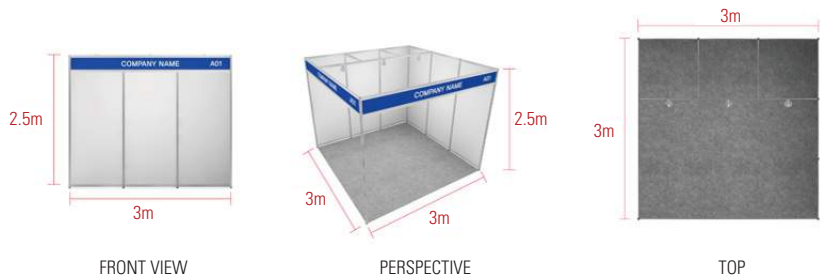
## BOOTH PACKAGE

\* Additional Equipment application form will be provided.



### Shell Scheme Package USD 5,000

- Shell schemes will be fully set up by the Secretariat and Exhibitors need to decorate own booth(s).
- Shell scheme furniture and equipment would depend on the size of the booth ordered, but normally include the following:
  - Booth Size : 3m x 3m x 2.5m
  - Company title sign
  - Flooring (Pytex)
  - One Information desk with one chair
  - Lighting (three lights lamp and two 220v electricity sockets)
- Benefits: Company logo on website and in the final programme, Lunch (2 persons)



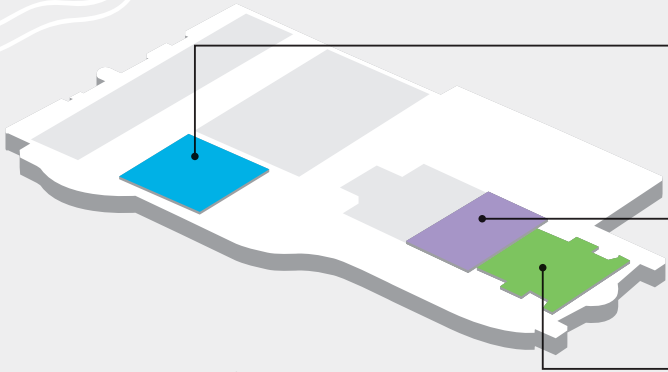
### Raw Space USD 4,500

- The raw space option is available for installation of custom built stands.
- Raw space is not equipped with walls, furniture, floor coverings or electricity.
- All stand requirements including power connection must be organised by the exhibitor.
- Booth Size : 3m x 3m
- Benefits: Company logo on website and in the final programme, Lunch (2 persons)



**FLOOR PLAN**

3F



**Hall E**

Parallel Sessions

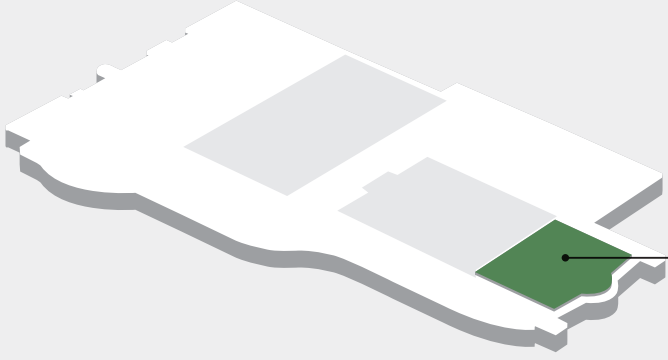
**Hall D2**

Poster Sessions & Exhibition

**Auditorium**

Opening Ceremony & Plenary Sessions

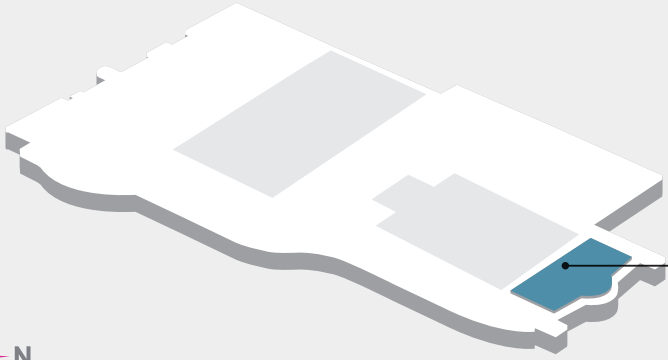
2F



**Conference Room North**

Meeting Rooms & Office

1F



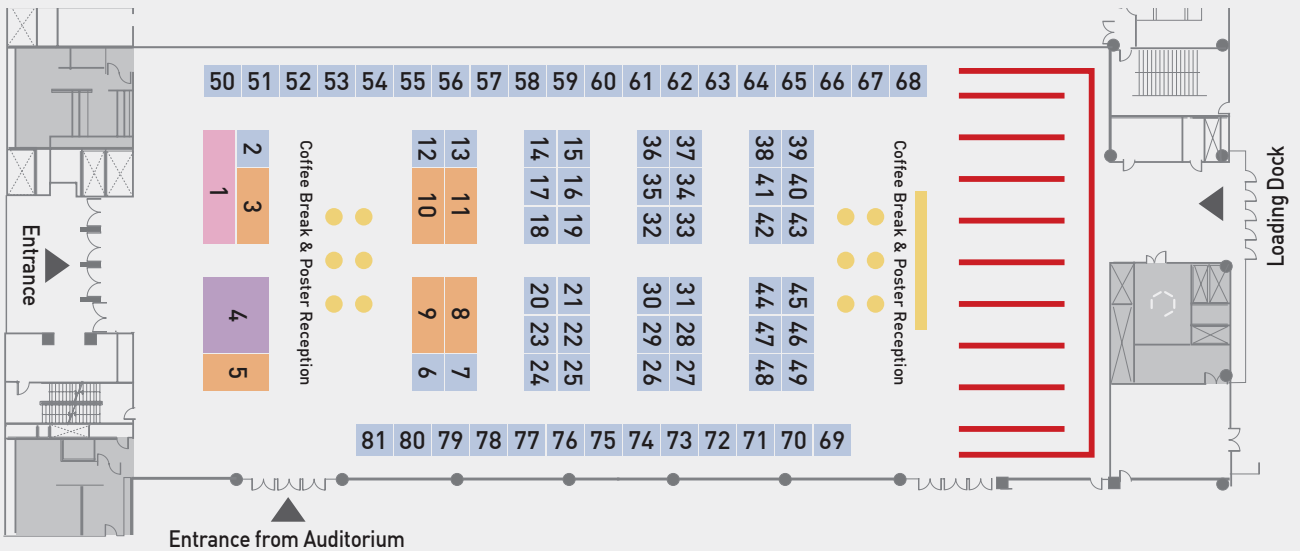
**Grand Ballroom**

Parallel Sessions



**EXHIBITION HALL**

\* subject to change



# SPONSORSHIP APPLICATION FORM



COMPANY / ORGANISATION INFORMATION	
NAME OF COMPANY / ORGANISATION	
PERSON IN CHARGE	
DEPARTMENT	POSITION
TEL	FAX
MOBILE	E-MAIL

PACKAGES AND RATES	
Sponsorship	USD
In-Kind Sponsorship	<input type="checkbox"/> Welcome Reception USD
	<input type="checkbox"/> Gala Dinner USD
	<input type="checkbox"/> Lunch USD
	<input type="checkbox"/> Coffee Break USD
	<input type="checkbox"/> Souvenir USD
	<input type="checkbox"/> Advertisement on Programme book USD
Total Amount	USD
Final Sponsorship Level	<input type="checkbox"/> DIAMOND <input type="checkbox"/> PLATINUM <input type="checkbox"/> GOLD <input type="checkbox"/> SILVER <input type="checkbox"/> BRONZE

\* Your Sponsorship Level will depend on total amount of sponsorship.

PAYMENT DETAILS	
50 percent deposit is required with this application; remaining balance is due by 17 May 2017.	
Bank Account Information	<b>Account No.</b> 1081-100-677219
	<b>Beneficiary</b> MECI INTERNATIONAL, 19 <sup>th</sup> ICSMGE
	<b>Bank Name</b> WOORI BANK
	<b>Bank Address</b> 203, Heohyudong 1-Ga, Jung-Gu, Seoul, KOREA
	<b>Swift Code</b> HVBKCRSEXXX

\* Please note that all bank handling and currency conversion fees must be paid at source, that is, "sender pays all fees."

We hereby agree to sponsor the 19<sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering.

NAME OF COMPANY / ORGANISATION \_\_\_\_\_

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SECRETARIAT INFORMATION			
Phone	+82-2-6288-6363	Fax	+82-2-6288-6398
E-mail	exhibition@icsmge2017.org		

# EXHIBITION APPLICATION FORM

COMPANY / ORGANISATION INFORMATION	
NAME OF COMPANY / ORGANISATION	
PERSON IN CHARGE	
DEPARTMENT	POSITION
TEL	FAX
MOBILE	E-MAIL

EXHIBITION SPACE APPLICATION			
Category		Qty	Total Amount
Shell Scheme Package	USD 5,000/1booth	_____ booth(s)	USD
Raw Space	USD 4,500/1booth	_____ booth(s)	USD
Preferred Booth Number	1 <sup>st</sup> :	2 <sup>nd</sup> :	3 <sup>rd</sup> :

PAYMENT DETAILS		
50 percent deposit is required with this application; remaining balance is due by 17 May 2017.		
Bank Account Information	<b>Account No.</b>	1081-100-677219
	<b>Beneficiary</b>	MECI INTERNATIONAL, 19 <sup>th</sup> ICSMGE
	<b>Bank Name</b>	WOORI BANK
	<b>Bank Address</b>	203, Heohyudong 1-Ga, Jung-Gu, Seoul, KOREA
	<b>Swift Code</b>	HVBKCRSEXXX

\* Please note that all bank handling and currency conversion fees must be paid at source, that is, "sender pays all fees."

We hereby agree to become an exhibitor for the 19<sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering.

NAME OF COMPANY / ORGANISATION \_\_\_\_\_

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SECRETARIAT INFORMATION					
Phone	+82-2-6288-6363	Fax	+82-2-6288-6398	E-mail	exhibition@icsmge2017.org



**UNEARTH THE FUTURE,  
CONNECT BEYOND  
[ ]**





**KGS (Korean Geotechnical Society)**

1202, 19 Seoun-ro, Seocho-gu, Seoul, Korea

Tel. +82-2-3474-4428, 7865 Fax. +82-2-3474-7379 Email. [kgssmfe@hanmail.net](mailto:kgssmfe@hanmail.net) / [kgssmfe@chol.com](mailto:kgssmfe@chol.com)

**19<sup>th</sup> ICSMGE Secretariat**

4F, Sungji Building, 192 Bangbae-ro, Seocho-gu, Seoul, Korea

Tel. +82-2-6288-6363 Fax. +82-2-6288-6398 Email. [exhibition@icsmge2017.org](mailto:exhibition@icsmge2017.org)