



International NEWSLETTER

Korean Society of Civil Engineers

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2013

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KSCE 2013 CONVENTION

First Step to Welfare - Civil Engineering!



The KSCE 2013 CONVENTION (2013 CIVIL EXPO & CONFERENCE) was held from October 23rd to 25th, at Convention Hotel, Kangwon Land, Gangwon-do, Korea. The conference under the theme "First Step to Welfare - Civil Engineering!" brought together about 2,300 distinguished members, professionals, and students from all civil engineering fields. The event collected 804 papers (258 oral and 546 poster) and exhibited 70 exhibition booths. The conference included academic programs such as paper/poster presentations, forums, special sessions, and international programs, as well as social programs, such as golf tournament and mountain trekking, honorary members program, spouse program, photo contest. At the conference, awards were also given to members who demonstrated exceptional achievements and made great contribution to the society in the academic field. This year's convention was the most successful conference in three years.



•• Welcome Reception



•• Registration



•• Civil Expo Tape Cutting Ceremony



•• Opening Ceremony



•• Parallel Session



•• Poster Session



●● Banquet



●● Exhibition

The International Program of the convention included the Pre-conference Tour, Welcome Reception, Opening Ceremony, International Lunch, Civil Engineering Leader's Network (CELeN), International Roundtable Meeting (IRM), Banquet, and Post-conference Tour. About 40 international guests from 17 countries (USA, Canada, Japan, UK, Taiwan, Turkey, Indonesia, Vietnam, China, Pakistan, Ethiopia, Philippine, Thailand, Spain, Iran, Bangladesh, and India) participated in the international program.

The KSCE 2014 CONVENTION is scheduled to be held on October 22-24, 2014, at Daegu EXCO, Daegu, Korea.

KSCE 2013 CONVENTION – INTERNATIONAL PROGRAM SCHEDULE

Time	Wednesday, October 23, 2013	Thursday, October 24, 2013	Friday, October 25, 2013
08:30 - 18:00		Registration (08:30 - 18:00)	
09:00		Tape Cutting Ceremony of Civil Expo (09:00 - 10:00, Convention Hall, 5th Floor)	Post-conference Tour (08:30 - 17:55, Convention Hotel → Hwanseon Cave → Gimpo Airport → Incheon Airport → Incheon Oceanside Hotel)
10:00		Opening Ceremony Keynote Speeches (10:00 - 12:00, Grand Ballroom, 4th Floor)	
11:00		Lunch (For Int'l Guests Only) (12:00 - 13:00, Unamjeong Restaurant)	
12:00	Pre-conference Tour (11:30 - 18:00, Incheon Airport → Incheon Oceanside Hotel → Gimpo Airport → Ipo Reservoir → Convention Hotel)	Civil Engineering Leader's Network (13:00 - 15:00, Room F, 5th Floor)	
13:00		Coffee Break	
14:00		International Roundtable Meeting "Environmental Design of Aquatic Plants in Urban Streams" (15:30 - 17:30, Room N, 6th Floor)	
15:00			
16:00	Registration (16:30 - 18:00, Lobby, 5th Floor)		
17:00			
18:00			
19:00	Welcome Reception (18:30 - 21:00, Grand Ballroom, 4th Floor)	KSCE Banquet (18:30 - 21:00, Grand Ballroom, 4th Floor)	
20:00			

* KSCE Parallel Session & Civil Exposition will be held 9:00 - 17:30, Oct. 24-25

Civil Engineering Leader's Network (CELeN)

The 1st CELeN Meeting was held at the Convention Hotel, Kangwon Land, Gangwon-do, Korea on 24th October during KSCE 2013 CONVENTION (2013 CIVIL EXPO & CONFERENCE). Over 40 participants including the representatives from 4 Chapters of KSCE's Global Center and the international students and civil engineers living in Korea had a wonderful time to hear the latest issues of civil engineering in different countries and share the meaningful discussion.

The Civil Engineering Leader's Network was established by the KSCE Global Center, as an initiative to contribute to the development of international community, and at the same time, expand the scope of construction industry in Korea. The CELeN consists of representatives of Chapters from Southeast Asia, the Middle East, Japan, the Mediterranean Countries, Africa, America and South America. The meeting of CELeN aims at sharing information on industrial trends of the region, on the situation of Korean companies overseas, and on the present conditions and lives of international students and civil engineers in Korea.

The meeting was started with the welcome address of the KSCE President, Prof. *Jongsung Sim* (Hanyang University, Korea). As the second speaker, Prof. *Hyun-Moo Koh* (Seoul National University, Korea), Past KSCE President and the Director for KSCE Global Center, introduced the intended role of CELeN in the international society of civil engineers. Then, 6 presentations by the speakers from different countries were followed. Specific contents covered in the 1st CELeN meeting are summarized in the table below with the name and affiliation of speakers. The meeting was wrapped up with the closing remark by Prof. *Chul-Young Kim* (Myungji University, Korea).

Speaker / Chapter	Position & Affiliation	Title of Presentation
Dr. Kookjoon Ahn / USA	Structure Liaison Engineer, DOT, CA, USA / Vice-President, KSCEE, President-elect, KSEA	California Transportation Plan 2040 and Transportation Trends
Mr. IGW Samsi Gunarta / Indonesia	Head of Laboratory, Institute of Road Engineering, ARD, Ministry of Public Works - Indonesia	Toward Prosperous and Sustainable Indonesia – Road Infrastructure Vision 2025
Dr. Van Thinh Nguyen / Vietnam, Canada	Professor, Seoul National University	Civil Engineering for a Sustainable Future: A Contrast between Developed and Developing Countries
Mr. Jaehong Kim / Korea	Technical Director, Daelim Industrial Co., Ltd.	Link Across Sungai Brunei
Mr. Saumya Ranjan Swain / India	Daelim Industrial, Co., Ltd.	Studying and Working Experience in Korea
Mr. Chatchai Manathamsombat / Thailand	Ph.D. Student, Sejong University	Study Life in Korea

Next meeting is under planning in 2014, and should be more fruitful with the active efforts of KSCE Global Center to develop various programs for CELeN.



•• CELeN Meeting: Prof. *Hyun-Moo Koh*(left), Prof. *Jongsung Sim*(middle), Dr. *Kookjoon Ahn*(right)



•• President *Jongsung Sim*'s Welcome Address



•• CELeN Group Photo

International Roundtable Meeting

The international roundtable meeting (IRM) was held on October 24, 2014, at the KSCE 2013 CONVENTION in Convention Hotel, Kangwon Land, Gangwondo, Korea. The meeting was held under the theme of "Environmental Design of Aquatic Plants in Urban Streams," and was arranged for renowned international guests from Japan, Taiwan, England, Turkey, Vietnam, and Indonesia. It was organized by the international affairs division (Chairman: Prof. *Jae-Woo Park*, Hanyang University) of KSCE. The main objective of this year's IRM was to share an idea and experience on the design and management of urban streams through the application of various ecological engineering methods to provide the urban streams with more sustainability. The keynote lectures from four invited speakers were presented. First speaker, *Jin-Hong Kim*, professor at Chung-Ang University, Korea, made his speech on the environmental role of aquatic plant in urban stream with an emphasis on the species of aquatic plant more suitable for maintaining the stream bed stably. Second presentation was made by *Ray-Shyan Wu*, professor at National Central University, Taiwan, who showed the impact of planting on riverbed



•• International Roundtable Meeting



•• IRM Group Photo

roughness as well as water quality of river through the experimental results from his case studies. Third speaker, *Steven John Duckworth*, Managing Director of ERM Korea, from England, presented the importance of sustainability assessment on environment and social benefit, finally to support a balance between the environmental value and socio-economic development. The last presentation was brought by *Yasushi Sasaki*, professor at Saitama University, Japan, who presented the influence of natural factors of urban stream and social conditions such as culture, citizen nature, and social problems on environmental design of urban stream in case of Japan. After all presentations, participants from both home and abroad have exchanged many fruitful discussions, opinions, suggestions, and understandings on how to design and manage urban streams more environment-friendly and sustainably. It was certain that the IRM provided a

chance of further strengthening the ties among societies from different countries for the mutual benefits and interests of each member.

Partnership with Turkey

KSCE and Turkish Chamber of Civil Engineers (TCCE) have made an official partnership during the KSCE 2013 CONVENTION. President *Jongsung Sim* of KSCE and Prof. *Tugrul Tankut*, the Chair of the International Affairs Committee of TCCE have signed the Agreement of Cooperation on Oct. 24, 2014. This agreement entails various scopes and areas where two organizations closely work together. In particular, the agreement stresses its aim to promote the exchange of technical, scientific and professional knowledge, as well as business and commercial information, to better serve the interests and welfare of their members, the engineering profession in general, and the public in Turkey and the Republic of Korea. KSCE signed the Agreement of Cooperation with 24 overseas organizations. Now with the additional cooperation agreement with TCCE, KSCE's international partnership societies and institutions have grown to 25. Below is the full list of overseas partner organizations that KSCE has agreement of cooperation with:



•• KSCE-TCCE AOC Signing Ceremony: Prof. *Jongsung Sim* (left), Prof. *Tugrul Tankut* (right)

- American Society of Civil Engineers - ASCE (1988)
- China Civil Engineering Society - CCES (1993)
- Chinese Institute of Civil & Hydraulic Engineering - CICHE (2000)
- Canadian Society of Civil Engineering - CSCE (2005)
- Egyptian Society of Engineers - ESE (2013)
- Engineers, Australia - EA (1999)
- Engineering Institute of Thailand - EIT (2002)
- European Council of Civil Engineers - ECCE (2013)
- Hong Kong Institution of Engineers - HKIE (2013)
- Indonesian Society of Civil and Structural Engineers - HAKI (2013)
- Institution of Civil Engineers - ICE (1991)
- Institution of Civil Engineers, India - ICE, India (2013)
- Institution of Engineers, Bangladesh - IEB (2003)
- Institution of Engineers, India - IEI (2003)
- Institution of Engineers, Malaysia - IEM (1996)
- Institution of Engineers, Pakistan - IEP (2001)
- Japan Society of Civil Engineers - JSCE (1989)
- Nepal Engineers' Association - NEA (2003)
- Mongolian Association of Civil Engineers - MACE (2003)
- Philippine Institution of Civil Engineers - PICE (1996)
- Persatuan Insinyur Indonesia - PII (1996)
- Society of Engineers, Costa Rica - CIC (2013)
- South African Institution of Civil Engineering - SAICE (2013)
- Turkish Chamber of Civil Engineers - TCCE (2013)
- Vietnam Federation of Civil Engineering Associations - VFCEA (2000)

AOC in Preparation	
1	Institute of Engineering, Brazil
2	Institute of Engineers, Chile
3	Federation of Civil Engineering Associations of the Mexican Republic (FECIC)
4	Institution of Professional Engineers of Peru (CIP)
5	Institution of Engineers of Kenya (IEK)
6	The Institution of Engineers Singapore (IES)

President's Schedule	
October	7th (Mon.) : Conference Committee Meeting 11th (Fri.) : KSCE Secretariat Meeting 16th (Wed.)-17th (Thurs.): KCI Conference 18th (Fri.) : 2013 Board Meeting 22nd (Tues.)-26th (Sat.): KSCE 2013 CONVENTION 29th (Tues.) : Vision for Construction Industry Forum 30th (Wed.) : KCAB Hearing
November	1st (Fri.)-2nd (Sat.): CAK Dinner Party 8th (Fri.) : KSCE Board Meeting 15th (Fri.) : Invited Lecture at City Planning Technology Competition ("Future Concrete" LH) 18th (Mon.) : Seminar on Current Situation and Prospect of North Korea's Construction Industry 22nd (Fri.) : Evaluation Meeting on KSCE 2013 CONVENTION 25th (Mon.) : KCAB Hearing 26th (Tues.) : Advisory Meeting on Research Activity 27th (Wed.) : Policy for Public Construction Technology Committee Meeting 28th (Thurs.) : KOFST Board Meeting 29th (Fri.) : Joint Meeting of Technical Committees and Standing Committees
December	3rd (Tues.) : Keynote Speech at KCI International Symposium 5th (Thurs.) : Dinner Party with KSCE 2013 CONVENTION Supporters 17th (Tues.) : Policy for Public Construction Technology Committee Meeting 18th (Wed.) : KSCE Secretariat Meeting - Annual Report 19th (Thurs.) : Annual Meeting of Busan/Ulsan, Gyeongnam Branch 20th (Fri.) : Honorary Members Meeting / AOC Signing Ceremony with KSCEE 23rd (Mon.) : KSCE Foundation Day 23rd (Mon.) : Korea-Japan Seminar on Maintenance and Management of Highway Bridge 27th (Fri.) : Hand over to KSCE President-Elect / Last KSCE Board Meeting 31st (Tues.) : KSCE Secretariat End of year ceremony

> KSCE Upcoming Events

KSCE Upcoming Events The 62nd Annual Meeting

- Date: Friday, January 10, 2014
- Venue: International Conference Rm., 2ndFl. Construction Guarantee Center, Seoul, Korea

17th Civil Engineers Day (2014)

- Date: Friday, March 28, 2014
- Venue: International Conference Rm., 2ndFl. Construction Guarantee Center, Seoul, Korea

2014 Grand Prize Ceremony for Civil Engineering and Culture of Korea

- Date: Friday, September 19, 2014
- Venue: COEX Intercontinental, Seoul, Korea

KSCE 2014 CONVENTION

- Date: Wednesday-Friday, October 22-24, 2014
- Venue: Daegu EXCO, Daegu, Korea

