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# CECAR10

## Final Report

**Jae-Yeol Cho**, Professor  
CECAR10 LOC Chair  
Civil and Environmental Engineering  
Seoul National University

April 22, 2026  
50<sup>th</sup> ECM@Kathmandu



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# 01 CECAR 10 Overview

<b>Venue</b>	International Convention Center (ICC) JEJU, Korea
<b>Date</b>	October 21st – 24th, 2025
<b>Sessions</b>	6 Plenary   22 TC   4 Special   45 Concurrent   2 Poster
<b>Exhibition</b>	Unified pavilion representing 12 research centers
<b>Homepage</b>	<a href="http://www.cecar10.org">www.cecar10.org</a>

558

Participants

457

Paper  
Submitted

80

Sessions

12

Exhibition  
Agencies

Quick  
Comparison!!!

	Participants	Countries	Int'l Parts	Paper	Session
CECAR 8	798	33	252 (32%)	233	43
CECAR 9	426	13<<	116 (27%)	192	42
CECAR 10	558	23	275 (49%)	457	80

## • • 02 Conference Genesis & Theme

### CECAR 10 in Jeju, South Korea (2025)

**CECAR**(Civil Engineering Conference in the Asian Region) is a premier triennial activity of **ACECC**(Asian Civil Engineering Coordinating Council), representing a cornerstone of regional professional exchange.

CECAR10 was hosted by **KSCE**(Korean Society of Civil Engineers) in Jeju, South Korea, bringing together leaders from academia, industry, and the public sector to deliberate on infrastructure development in the Asian region.

### SMaRT : Sustainable Management and Resilient Technology in Civil Engineering

- C**ivil engineering for sustainable and harmonious Asia
- I**nterdisciplinary activities within civil engineering and between disciplines
- V**isualize knowledge to practices anywhere in Asia
- I**lluminate the next generation civil engineers
- L**ink experience and knowledge on Green New Deal to Asian countries for resilient future

# 03 CECAR 10 Leadership

## Local Organization Committee(LOC)

**Prof. Jae-Yeol Cho** Chair, Seoul National University

**Prof. Jeryang Park** vice-chair, Hongik University

**Prof. Hyunwook Choo** vice-chair, Hanyang University

**Prof. Ilhan Chang** vice-chair, Ajou University

**Prof. Kitae Jang** vice-chair, KAIST



Prof. Ki Yong Ann	Hanyang University
Prof. Seokho Chi	Seoul National University
Prof. Gunhui Chung	Hoseo University
Prof. Wonseok Chung	Kyung Hee University
Prof. Chang-Sam Jeong	Induk University
Prof. Doosun Kang	Kyung Hee University
Prof. Seungmo Kang	Korea University
Prof. Byeongmin Kim	Ulsan National Institute of Science & Technology (UNIST)
Prof. Dong-Kyu Kim	Seoul National University
Prof. Tae-woong Kim	Hanyang University
Prof. Young Do Kim	Myongji University

Prof. Bonsang Koo	Seoul National University of Science and Technology
Prof. Dongyoun Kwak	Hanyang University
Prof. Seung-Hee Kwon	Myongji University
Prof. Jong-Jae Lee	Sejong University
Dr. Seunghak Lee	Korea Institute of Science and Technology (KIST)
Prof. Seunghye Park	Sungkyunkwan University
Prof. Hyun-Doug Yoon	Myongji University
Prof. Hyungchul Yoon	Chungbuk National University
Prof. Tae-Sup Yun	Yonsei University

# 03 CECAR 10 Leadership

## Scientific Committee

**Prof. Gye-Chun Cho** Chair, KAIST | **Prof. Ilhan Chang** vice-chair, Ajou University



ASCE	Dr. Sihan Li	Rowan Williams Davies & Irwin Inc. (RWDI)	IESL	Dr. Kamal Laksiri	Institution of Engineers Sri Lanka
CICHE	Prof. Shieh-Kung Huang	National Chung Hsing University	JSCE	Prof. Eiki Yamaguchi	Kyushu Institute of Technology
CICHE	Prof. Tzu-Kang Lin	Yang Ming Chiao Tung University	JSCE	Prof. Hironori Kato	The University of Tokyo
ENZ	Dr. Gregory De Costa	Open Polytechnic of New Zealand	KSCE	Prof. Dong-Kyu Kim	Seoul National University
HAKI	Prof. Iswandi Imran	Institut Teknologi Bandung	MACE	Prof. Ganzorig Erdene	Mongolian University of Science and Technology
HAKI	Prof. Ir. Han Ay Lie	Diponegoro University Semarang	MES	Engr. San Kyu	San Kyu & Associates
IEB	Dr. Md. Abdur Rahman Bhuiyan	Chittagong University of Engineering & Technology (CUET)	PICE	Prof. Benito M. Pacheco	University of the Philippines Diliman
IEP	Prof. Abdul Jabbar Sangi	NED University of Engineering & Technology	-	Prof. Fengming Ren	Guangzhou University
			-	Prof. Jianguo Dai	City University of Hong Kong

# 03 CECAR 10 Leadership

## Organization of ACECC



**Prof. Jae-Woo Park** Chair, Hanyang University

<b>Dr. Seunghak Lee</b>	Planning Committee Chair	Korea Institute of Science and Technology (KIST)	<b>Dr. Robert S. Licup</b>	ACECC 1st Deputy Secretary General	REMLicup Construction Corporation
<b>Prof. Kyungsoo Park</b>	Technical Coordinating Committee Chair	Yonsei University	<b>Dr. Ir. Han Ay Lie</b>	ACECC 2nd Deputy Secretary General	Diponegoro University Semarang – Indonesia
<b>Dr. Udai P. Singh</b>	ACECC Secretary General	American Society of Civil Engineers (ASCE)	<b>Mr. Brian Parsons</b>	ACECC Office Administrator	American Society of Civil Engineers (ASCE)

# •• 04 Registrations

Category	Registration Fee	
	Early-Bird ( ~ July 31, 2025)	On-Site
ACECC Members	USD 415	USD 495
Non-ACECC Members	USD 495	USD 540
Speakers	USD 335	USD 415
Students	USD 100	
Gala Dinner Ticket	USD 100	
Accompanying Person	USD 100	
SNU-MUST Seminar	USD 100	
JSCE DEI-KSCE WTC	USD 100	

# •• 04 Registrations

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No	Category	Registration	Attendance
1	Complimentary Registration	36	36
2	ACECC members	69	68
3	non-ACECC members	24	24
4	Speaker	192	186
5	Student	181	174
6	SNU-MUST	20	20
7	JSCE DE1-KSCE WTC	7	7
8	Accompanying Person	29	29
<b>Total</b>		<b>558</b>	<b>544</b>

## •• 04 Registrations

no	Country	Number
1	Australia	9
2	Bangladesh	6
3	Canada	2
4	China	5
5	Germany	1
6	Hong Kong	1
7	India	4
8	Indonesia	19
9	Japan	69
10	Malaysia	3
11	Mongolia	23
12	Myanmar	4

no	Country	Number
13	Nepal	3
14	New Zealand	3
15	Pakistan	4
16	Philippines	34
17	Poland	1
18	Singapore	1
19	Taiwan	68
20	Thailand	4
21	United Kingdom	1
22	USA	10
23	Korea	283
	<b>23 Countries</b>	<b>558</b>

# •• 05 Financial Summary

**Revenue**

**\$311,087**

**Expenses**

**\$271,237**

**Net Profit**

**\$39,850**

## Revenue Breakdown

Item	Budget	Actual
Registrations*	\$183,622	\$136,990
ACECC Corporate Contribution*	\$145,300	\$138,050
Exhibition Booth	\$20,346	\$18,311
Others	\$37,307	\$17,736
<b>Total Revenue</b>		<b>\$311,087</b>

## Expense Breakdown\*

Item	Budget	Actual
Venue / Accom. / Catering	\$126,241	\$109,443
Equipment	\$56,349	\$37,229
Marketing & Printing	\$32,502	\$33,280
Others	\$123,126	\$91,285
<b>Total Expenses</b>		<b>\$271,237</b>

\* Details are shown in the Final Report file.

## •• 05 Financial Summary

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### Surplus(Net Profit) Remittance to ACECC

KSCE will remit 40% of the CECAR10 surplus(USD 39,850) to ACECC in accordance with Article IV, Item 5 of the ACECC Bylaws.

However, in the spirit of reciprocity—and in consideration of precedents from previous CECAR events—it has been decided to increase the remittance to **USD 20,000**, equivalent to 50.2% of the surplus.

**USD 15,962 >> USD 20,000**

# •• 06 Exhibition

The exhibition booth showcased construction-related R&D programs of **KAIA**(Korea Agency for Infrastructure Technology Advancement).



- Booth 1 - KAIA's R&D initiatives
- Booth 2 - Research Group for Smart Construction Technology
- Booth 3~14 - twelve large-scale experimental facilities that has participated in TC29



# •• 07 Plenary Sessions

## Plenary Lecture 1

### Smart Construction Technologies: Shaping the Future of the Construction Industry



**Prof. Dong-Ho CHOI**

President of KSCE



# • 07 Plenary Sessions

## Plenary Lecture 2

### Flood Risk Management Adapted to Climate Change



**Prof. Koji IKEUCHI**

President-Elect of JSCE



# •• 07 Plenary Sessions

## Plenary Lecture 3

### Shaping Value in an Era of Climate and Digital Change – Challenges and Opportunities for Civil Engineers



**Mr. Chung-Cheng KAO**

President of CICHE



# •• 07 Plenary Sessions

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## Plenary Lecture 4

### Building the Nation Through Infrastructure: Civil Engineers at the Forefront



**Engr. Frederick Francis M. SISON**

President of PICE



# •• 07 Plenary Sessions

## Plenary Lecture 5

### Resiliency and Sustainability in Civil Engineering – A Call to Action



**Dr. Marsha A. BOMAR**  
President-Elect of ASCE



# •• 07 Plenary Sessions

## Plenary Lecture 6

**Infrastructure innovation in the era of climate crisis:  
the vision of the Asian technological community and Horizon Asia**



**Prof. Tai Sik LEE**

Former-President of KSCE



# • 08 ACECC 49<sup>th</sup> ECM



# • 09 ACECC Welcome Reception



# • 10 Opening Ceremony

## State of the Asian Civil Engineering Coordinating Council (ACECC)

Dr. Udri D. Sinab

ACECC Secretary

CECAR10

CECAR10




# • 11 Presidential Meeting & Jeju Declaration



# 11 Presidential Meeting & Jeju Declaration

**CECAR10** October 21-24, 2025  
CIVIL ENGINEERING CONFERENCE IN THE ASIAN REGION

• **Jeju Declaration**



## ACECC Jeju Declaration for CECAR10, 2025

**Preamble**

Recognizing the critical challenges and opportunities facing the global and Asian civil engineering communities in the realms of sustainable development, climate resilience, and technological innovation, we, the participants of the 10th Civil Engineering Conference in the Asia Region (CECAR10), gathered in Jeju, commit to the principles and actions outlined in this declaration. This commitment builds upon the foundations laid by the Tokyo Declaration of 2019 (CECAR8), the Jakarta Protocol of 2013 (CECAR6), Presidents' Communiqué of 2010 (CECAR5), the Taipei Declaration of 2007 (CECAR4), the Report of Presidential Meeting of 2001 (CECAR 2), and the ACECC Code of Ethics Guidance (2022), and integrates the visionary outcomes of the recent UN Summit of the Future.

In preparing this declaration, we have reflected upon the findings of the SPG2.1.1 review report on past ACECC declarations and technical committees', ensuring continuity while addressing missing issues in past declarations. We emphasize the importance of proactively responding to emerging challenges and opportunities in the field, particularly those posed by the accelerating pace of technological change, such as the rise of artificial intelligence.

In an era of rapid advancement, we reaffirm the necessity of human-centered development, placing the well-being of individuals and communities at the forefront of civil engineering efforts. Through this declaration, we aim to guide the profession toward a future that balances innovation with inclusivity, sustainability, and resilience.

\*Kato, H., Izawa, J., Inoue, M., Gautam, S., and Sarli, A. (2022) Challenges Facing Civil Engineers in Asia: Review of ACECC's Declarations and Technical Committees' Activities.

## ACECC Jeju Declaration 2025

Signed on October 22, 2025 in Jeju by



<p style="font-size: x-small;">Korean Society of Civil Engineers (KSCE)</p> <p style="text-align: center;"><i>Yong Ho Choi</i></p> <p style="font-size: x-small;">Chinese Institute of Civil and Hydraulic Engineering (CICHE)</p> <p style="text-align: center;"><i>Wang Jie</i></p> <p style="font-size: x-small;">Philippine Institute of Civil Engineers (PICE)</p> <p style="text-align: center;"><i>Ed OLP</i></p> <p style="font-size: x-small;">Engineers Australia (EA)</p> <p style="text-align: center;"><i>A. Ram</i></p> <p style="font-size: x-small;">Indonesian Society of Civil and Structural Engineers (IAKSI)</p> <p style="text-align: center;"><i>Basuki</i></p> <p style="font-size: x-small;">The Institution of Engineers, Bangladesh (IEB)</p> <p style="text-align: center;"><i>Shahid</i></p> <p style="font-size: x-small;">Nepal Engineers' Association (NEA)</p> <p style="text-align: center;"><i>Suman</i></p> <p style="font-size: x-small;">Engineering New Zealand (ENZ)</p> <p style="text-align: center;"><i>Paul</i></p> <p style="font-size: x-small;">MD Russian Society of Civil Engineers (MD RSCE)</p> <p style="text-align: center;"><i>Chomov</i></p>	<p style="font-size: x-small;">American Society of Civil Engineers (ASCE)</p> <p style="text-align: center;"><i>Marsha Anderson-Boman</i></p> <p style="font-size: x-small;">Japan Society of Civil Engineers (JSCE)</p> <p style="text-align: center;">北内 幸司</p> <p style="font-size: x-small;">Vietnam Federation of Civil Engineering Associations (VFCEA)</p> <p style="text-align: center;"><i>Nguyen</i></p> <p style="font-size: x-small;">Mongolian Association of Civil Engineers (MACE)</p> <p style="text-align: center;"><i>Alt</i></p> <p style="font-size: x-small;">The Institution of Engineers ICE(I)</p> <p style="text-align: center;"><i>Ishtiaq</i></p> <p style="font-size: x-small;">The Institution of Engineers Pakistan (IEP)</p> <p style="text-align: center;"><i>Abdullah</i></p> <p style="font-size: x-small;">Federation of Myanmar Engineering Societies (Fed. MES)</p> <p style="text-align: center;"><i>Mon</i></p> <p style="font-size: x-small;">Institution of Engineers Sri Lanka (IESL)</p> <p style="text-align: center;"><i>Subash</i></p>
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# • 12 Gala Dinner & ACECC Awards Ceremony



# •• 13 Closing Ceremony

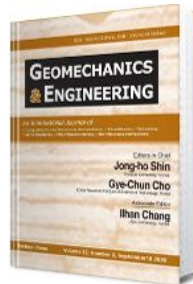


# • 14 Publication



Full conference proceedings for CECAR10

- |   |  |                |
|---|--|----------------|
| 1 | KCSE Journal of Civil Engineering                  | SCIE Indexed   |
| 2 | Int'l Journal of Concrete Structures and Materials | SCIE Indexed   |
| 3 | Geomechanics & Engineering                         | SCIE Indexed   |
| 4 | IOP Conference Series                              | SCOPUS Indexed |



**IOP** Publishing

# Thank You | 감사합니다

See you at CECAR 11 –  
Taiwan, 2028!

期待與大家見面





# Highlights