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ACECC OUTLOOK

The Asian Civil Engineering Coordinating Council

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10th Civil Engineering Conference in the Asian Region

- and -

The 49th Executive Committee Meeting (ECM)

of the Asian Civil Engineering Coordinating Council (ACECC)

21-24 October 2025

Jeju, South Korea

Message from the Outgoing ACECC Chair

by Prof. Jae-Woo Park
Korean of Society of Civil Engineers (KSCE)

It is with great pleasure that I share a few reflections as my three-year term as the Chair of the Asian Civil Engineering Coordinating Council (ACECC) comes to an end. In October 2025, the 10th Civil Engineering Conference in the Asian Region (CECAR10), jointly organized by ACECC and the Korean Society of Civil Engineers (KSCE), was successfully held in Jeju, Korea. The conference brought together representatives from the member societies under the theme of sustainability and innovation, offering valuable opportunities for knowledge exchange and collaboration. It was truly inspiring to witness the unity and commitment of the Asian civil engineering community in addressing global challenges and fostering regional cooperation. Over the past three years, ACECC has made remarkable progress in strengthening partnerships among member societies and promoting joint actions in areas such as climate change adaptation, resilient infrastructure, and capacity building for the next generation of engineers. These achievements were made possible by the dedication and collaborative spirit of all our members.

As I complete my term as Chair, I extend my heartfelt gratitude to the Executive Committee, member society leaders, and all those who have contributed to ACECC's continued growth and influence. It has been a great honor to serve this community and to witness the expanding role of ACECC in advancing the development of sustainable civil engineering across Asia. I am confident that ACECC will continue to build upon this strong foundation and further its mission of enhancing collaboration, promoting innovation, and shaping a sustainable and inclusive future for the region. With sincere appreciation and best wishes for continued success, I would like to thank you all!

Message from the Incoming ACECC Chair

by Prof. Yu-Chi Sung
Chinese Institute of Civil & Hydraulic Engineering

I am Yu-Chi Sung, Chair Professor at National Taipei University of Technology. It is a great honor for me to accept the role of Chair of the Asian Civil Engineering Coordinating Council (ACECC).

When we look back to 1999, when PICE, ASCE, KSCE, JSCE, and CICHE came together to establish ACECC, we see how far we have come. Over the past 26 years, ACECC has built a proud history of promoting collaboration among civil engineering societies across Asia and beyond. It has become a vital platform for sharing knowledge, advancing research, and strengthening professional practices for the betterment of our communities.

I want to express my deep appreciation to all the former Chairs of ACECC for their vision and leadership, which have helped the organization grow stronger. In particular, I would like to thank Professor Jae-Woo Park for his outstanding leadership over the past three years. Prof. Park's leadership by example—particularly skill in communicating with various countries and mastery in resolving all kinds of issues —has truly earned my deep respect. Learning from his guidance and demeanor shall definitely help me to take on this difficult task.

As Chair, I would like to set a few goals for the years ahead:

1. To work closely with the ACECC Secretariat to ensure that all work can be carried out smoothly.

2. To enhance knowledge sharing across the region, especially on issues such as earthquakes, fires, floods, and other disasters.

We should exchange experiences not only in engineering design, construction, and technology but also in disaster prevention, sustainability, and social aspects.

The recent ACECC response to the Myanmar earthquake was an excellent example of coordinated action, and we will continue and strengthen such efforts.

By embracing ESG principles and working hand in hand, ACECC can lead regional and global efforts toward resilience and sustainability.

3. To promote closer collaboration among member societies — not only through technical exchange but also by building shared goals and collective strength as an international organization.

4. To improve ACECC's internal operations, including governance, administrative procedures, and financial management.

5. To recruit new members, so that our organization can grow stronger, more active, and more efficient.

My dear friends, your continued support and cooperation are our greatest strength.

I look forward to working closely with all of you in the years ahead.

Message from the Secretary General

by Dr. Udai P. Singh
Asian Civil Engineering Coordinating Council

October 2025 was a historic month for ACECC, with the 49th ECM and CECAR 10 taking place in Jeju, Korea from 21 to 24 October. Despite the beautiful location and perfect weather at the International Convention Center (ICC), warm hospitality of our KSCE colleagues, and the magical sunsets that could be viewed from the ICC, we were not distracted and completed the FCM, TCCM, PCM, and ECM, all in one long day. Several decisions were made.

A new TC (TC 36: Sustainable Management and Preservation of Bridge Infrastructure) was approved, led by KSCE and ASCE. Guidelines for TCs were revised to include funding criteria. ACECC decided to support NEA with knowledge sharing and technical support activities on post-fire structural assessment and rehabilitation in Nepal. An anticorruption alliance between ACECC and the Global Infrastructure Anti-Corruption Centre (GIACC) was approved. Awards Subcommittee rules and procedures were revised. Reduced corporate contributions for CECAR 11 were approved. ACECC constitution and by-laws were revised, especially those pertaining to membership dues and resignation and removal of members. Overview plan for the 50th ECM in Kathmandu, Nepal (22-24 April, 2026) was approved. Also, ACECC gifted and distributed ASCE Standard 73-23 (Standard Practice for Sustainable Infrastructure) to all member societies for their use.

CECAR 10 was a tremendous success, with a strong technical program, memorable keynote addresses, and excellent attendance. The Jeju Declaration, signed during the Presidential session by member societies, is an ACECC milestone that will guide future ACECC plans and activities. The awards ceremony was conducted smoothly, with the Young Engineer Professional Achievement Award being presented for the first time. Everyone had a wonderful time at the conference, and we enjoyed KSCE's extraordinary arrangements and hospitality, including the sumptuous reception and gala dinner. Thank you, LOC Chair Prof. Jae-Yeol Cho and the CECAR 10 organizing committee.

Between the 48th and 49th ECM we conducted 5 knowledge-exchange sessions, in hybrid mode, among ACECC members in response to the 2025 Myanmar earthquake. We appreciate our member societies coming together in presenting technical information and participating in this seminar series. We plan to do a similar knowledge-sharing seminar series in response to the recent fire damage of buildings in Nepal between the 49th and 50th ECMs.

"The old order changeth…". With the conclusion of CECAR 10, KSCE handed over the ACECC leadership to CICHE, under new ACECC Chair Prof. Yu-Chi Sung and his team. The term of the two Deputy Secretaries General (Dr. Robert Licup and Prof. Han Ay Lie) will also be over by the end of 2025; they have made significant contributions to ACECC and I have loved working with them. I will continue as Secretary General through the 52nd ECM. I have enjoyed working with the outgoing ACECC Chair Prof. Jae-Woo Park and his team (Dr. Seunghak Lee, Prof. Kyoungsoo Park, and Prof. Jae-Yeol Cho) for the past 3 years, and I appreciate and thank them for their contribution towards ACECC's advancement. I am looking forward to working closely with the CICHE leaders.

I hope to see you at the 50th ECM in Kathmandu in April next year.

Message from the 1st Deputy Secretary General

by Robert S. Licup, PhD, APEC Eng, ASEAN Eng, ACPE
Philippine Institute of Civil Engineers (PICE)

It has been both an honor and rewarding to have been the 1st Deputy Secretary General of ACECC for the term 2023 – 2025. In my own little way, I have made contributions to the proceedings for the past years, either through virtual or physical attendance as the case may be.

For this period, major issues were discussed and decisions made during the ECM, notable of which is the reduction of member's costs and let delegates participate in ECMs virtually if they are unable to attend in person. Combined with other measures, like the amendment of certain provisions of the By-laws, ACECC continues to innovate and improve its provision of members to its members.

I would like to express my gratitude for my having been chosen as one of the two DSG. In particular, I would like to thank the Philippine Institute of Civil Engineers for having nominated me in 2022, as well as Chairman Jae-Woo Park and Secretary General Udai P. Singh for their guidance While I bid goodbye as my being the 1st Deputy Secretary General ends by 31 December 2025, I hope to see you all in future meetings of the ECM

Message from the Outgoing PC Chair

by Dr. Seunghak Lee
Korean Society of Civil Engineers (KSCE)

I would like to take this opportunity to extend my heartfelt thanks to my ACECC colleagues for their enthusiastic support and active participation, which made the 43rd PCM more successful and fruitful than ever.

Among the key highlights of the 43rd PCM, we discussed the potential anticorruption alliance between ACECC and the Global Infrastructure Anti-Corruption Centre (GIACC). NEA shared a progress update on preparations to host the 50th ECM in Kathmandu. We also revisited the strategic plans formulated in previous years, focusing on the actions already implemented and identifying those that require urgent attention. Lastly, we completed a thorough review of the draft updates to the constitution and by-laws.

With the conclusion of the 43rd PCM, my tenure as PCM Chair has come to an end. It has been a great honor to contribute to the development of ACECC over the past three years. I am confident that these years have laid the groundwork for transforming ACECC into a more structured and resilient organization. While this transformation may take additional time, I firmly believe that, through the collective efforts of all member societies, we will achieve our shared goals.

Message from the Outgoing TCC Chair

by Prof. Kyoungsoo Park
Korean Society of Civil Engineers (KSCE)

It is my great honor to deliver this final message as the Chair of the Technical Coordinating Committee (TCC) of ACECC. I am pleased to announce that a new Technical Committee (TC-36), "*Sustainable Management and Preservation of Bridge Infrastructure*," has been proposed jointly by KSCE (Prof. Ho-Kyung Kim) and ASCE (Mr. Maqbool Mohammed, PE).

Meanwhile, TC-25 has officially completed its activities, which includes the development of Protocol for Enzyme Stabilization of Pavements as a comprehensive technical guide. TC-29 has successfully concluded its activities, which focused on international network for joint utilization of large-scale experimental facilities across ACECC member economies, while showcasing collaborative outcomes through a special session and exhibition at CECAR10. During CECAR10, 14 TC sessions (TCs-14 ,18, 21, 22, 25, 26, 27, 28, 30, 31, 32, 33, 34, and 35) were held, providing a valuable platform for knowledge exchange and collaboration. To recognize the efforts of our committees, TC activities are evaluated, and among the 14 active TCs, TC-21, TC-22, TC-26, TC-30, and TC-34 received the highest evaluations. I am delighted to congratulate TC-30 (Dr. Sung-min Cho, KSCE) for achieving the top score—an acknowledgment of their exceptional dedication and accomplishments.

In addition, the NEA requested technical support concerning post-fire structural assessment and rehabilitation, and ACECC members societies have expressed their support while discussing the possibility of forming a new TC on this topic. Furthermore, we formalized the

financial support for organizing TC sessions, which has been documented in the ACECC Guidelines and Terms of Reference for TCs.

Over the past three years, we have witnessed significant growth and collaboration through TCs, reflecting the continued commitment of our member societies to advancing civil engineering in the Asia-Pacific region. As my term concludes, the next TCC Chair from CICHE will continue to lead and strengthen our collaborative efforts. I extend my heartfelt congratulations and best wishes for continued success under their leadership.

Message from the CECAR10 LOC Chair

by Prof. Jae-Yeol Cho
Korean Society of Civil Engineers (KSCE)

Report on the Preparation for CECAR10 (October 21~24, 2025) in Jeju, South Korea

The Civil Engineering Conference in the Asian Region (CECAR) is the triennial flagship event of the Asian Civil Engineering Coordinating Council (ACECC). Unlike theory-oriented symposia, CECAR emphasizes practical aspects of the profession—planning, design, construction, and project management—and provides a platform for professionals across Asia to exchange experience and insight.

Following the 2004 CECAR held in Seoul, the Korean Society of Civil Engineers (KSCE) had the honor of hosting CECAR10 from October 21 to 24, 2025 at ICC Jeju, marking Korea's second time as host. In March 2021, after KSCE was awarded the right to host CECAR10, the Local Organizing Committee (LOC) was immediately established in September 2021 in parallel with KSCE's term as the ACECC Chair society. Over the following four years, through the dedication of the ACECC Chair Group, the LOC, and the warm encouragement of KSCE members, preparations matured into a resounding success.

Program at a Glance

Date& time	DAY 0 ■ October 21(Tue)	DAY 1 ■ October 22 (Wed)	DAY 2 ■ October 23 (Thu)	DAY 3 ■ October 24 (Fri)
08:00	49th ACECC ECM: TCCM, PCM (8:00–18:30)	Registraiton (8:30–17:00)	Registraiton (8:30–17:00)	Registraiton (8:30–14:30)
09:00			Plenary Lecture 4 (9:00–9:30)	Plenary Lecture 7 (9:00–9:30)
10:00		Opening Ceremony (10:00–10:30)	Break (15 min)	Break (15 min)
11:00		Plenary Lecture 1 (10:30–11:00)	ACECC TC / Session Proposal Concurrent Sessions (9:45–11:15)	ACECC TC / Session Proposal Concurrent Sessions (9:45–11:30)
12:00		Plenary Lecture 2 (11:00–11:30)	Poster Session 2 (11:15–12:15)	Lunch (11:30–13:00)
13:00		Lunch (11:30–13:30)	Lunch (12:15–13:30)	
14:00		Plenary Lecture 3 (13:30–14:00)	Plenary Lecture 5 (13:30–14:00)	ACECC TC / Session Proposal Concurrent Sessions (13:00–15:00)
15:00		Poster Session 1 (14:00–15:00)	Break (15 min)	Break (15 min)
16:00		ACECC TC / Session Proposal Concurrent Sessions (15:00–16:30)	ACECC TC / Session Proposal Concurrent Sessions (14:15–15:45)	Closing Ceremony (15:15–16:00)
17:00		Break (15 min)	Break (15 min)	
18:00		ACECC TC / Session Proposal Concurrent Sessions (16:45–18:15)	Plenary Lecture 6 (16:00–16:30)	
19:00		Break (15 min)	Break (15 min)	
20:00	ACECC Welcome Reception (Invitation only) (19:30–21:00)	Presidential Meeting & Dinner (Invitation only) (18:30–20:00)	ACECC TC / Session Proposal Concurrent Sessions (16:45–18:15)	
			Gala Dinner [ACECC 2025 Award] (18:30–20:30)	

CECAR10 attracted 543 registered participants, including 274 international delegates from 24 economies - a record-high 54 percent overseas participation. A total of 430 papers were presented, the largest in CECAR's history, affirming its role as a truly pan-Asian hub of civil engineering collaboration.

Day 0 (October 21, Tue) – 49th ACECC Executive Committee Meeting

The day before the official opening, the 49th ACECC Executive Committee Meeting (ECM) was held. It was the sixth and final ECM presided over by KSCE during its chairmanship. Normally spread over two days—Finance, Technical Coordinating, Planning, and Executive sessions—the meetings were exceptionally compressed into one intensive day to align with the three-day CECAR schedule.

Thirteen of the 17 member societies attended in person, with the remaining four joining online. Beginning at 8 a.m. with the Finance Committee, the sessions continued almost without rest—brief coffee breaks, a short lunch, and immediately back to work. The host's subtle motivation was clear: to ensure that the delegates could later enjoy Jeju's spectacular sunset during the Welcome Reception.

Despite the tight schedule, discussions were lively and constructive, covering shared funding mechanisms for future CECARs and a serious debate on the ACECC Awards selection process. Technical Committee activity reports were presented by each TC Chairs. The ECM opened with welcoming remarks by KSCE President Prof. Dong-Ho Choi, and saw participation from presidents and representatives of ASCE, JSCE, and CICHE, further strengthening professional ties.

The evening Welcome Reception, emceed by Dr. Moon-Kyung Jung, extended the collegial atmosphere, joined by former KSCE Presidents Seung-Heon Han, Chung-Ki Jung, Jong-Sung Sim, Tae-Sik Lee, Man-Yeop Han, and Seung-Ho Lee - a gathering that reflected both tradition and renewal within the ACECC family.

Day 1 (October 22, Wed) – Opening Ceremony and Plenary Lectures

The Opening Ceremony began at 10 a.m., moderated by Prof. Il-Han Jang, LOC Vice Chair. It featured welcoming addresses by KSCE President Dong-Ho Choi and ACECC Chair Prof. Jae-Woo Park, followed by a status report from ACECC Secretary General Dr. Udai Singh.

The main hall, Halla Hall, hosted the first three Plenary Lectures:

- Prof. Dong-Ho Choi (KSCE) – *Smart Construction Technologies: Shaping the Future of the Construction Industry*
- Prof. Koji Ikeuchi (JSCE) – *Flood Risk Management Adapted to Climate Change*
- Prof. Chung-Cheng Kao (CICHE) – *Shaping Value in an Era of Climate and Digital Change*

All sessions drew strong attendance and enthusiastic engagement, reflecting the vitality of the civil engineering community. In the afternoon, ACECC Technical Committee special sessions and general sessions filled eleven parallel rooms, producing vibrant exchanges of ideas.

The day concluded with the Presidential Meeting & Dinner, where presidents of the member societies gathered to finalize and sign the Jeju Declaration - a landmark statement affirming regional cooperation to confront climate change and technological transformation.

Day 2 (October 23, Thu) – Deepening Exchanges and the Gala Dinner Night

The second day opened with the fourth Plenary Lecture by Engr. Frederick Francis M. Sison, President of PICE, titled *Building the Nation Through Infrastructure: Civil Engineers at the Forefront.* In the afternoon, Dr. Marsha Anderson Bomar, President of ASCE, delivered the fifth Plenary Lecture, *Resiliency and Sustainability in Civil Engineering – A Call to Action.* Throughout the day, eleven concurrent sessions continued with remarkable enthusiasm.

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At 6:30 p.m., the Gala Dinner—the social highlight of CECAR10—took place in Tamna Hall on the fifth floor. Nearly all of the 240 seats were filled.

Hosted by a professional English-speaking announcer, the dinner opened with greetings from KSCE President Dong-Ho Choi and LOC Chair Jae-Yeol Cho. The ACECC Awards Ceremony, led by Subcommittee Chair Md. Abdul Malek Sikder, recognized seven individual, one Technical Committee, and five project awardees

1 2025 ACECC OUTSTANDING CIVIL ENGINEERING PROJECT AWARD

Recipient Project	Economy (Nominated By)
Tamarai Dam Construction Project – A flood mitigation dam constructed overcoming severe geological conditions	Japan (JSCE)

2 2025 ACECC CIVIL ENGINEERING PROJECT AWARDS

Recipient Project	Economy (Nominated By)
1915 Çanakkale Bridge for Kınalı–Tekirdağ–Çanakkale–Savaştepe Motorway Project, Malkara–Çanakkale Section	Türkiye (KSCE)
Sigli–Banda Aceh Toll Road Project	Indonesia (HAKI)
Design & Construction of La Mesa Treatment Plant 1 Process Improvement Works	Philippines (PICE)
Amuping Desilting Tunnel Project for Shihmen Reservoir	Taiwan (CICHE)
Structural Assessment of the Central Telegraph Office, Myanmar	Myanmar (Fed. MES)

3 2025 ACECC ACHIEVEMENT AWARDS

Recipient	Economy (Nominated By)
Dr. Reiko Abe	Japan (JSCE)
Dr. Sarosh Hashmat Lodi	Pakistan (IEP)
Ching–Peng Shen	Taiwan (CICHE)
Prof. C.V. R. Murty	India (ICE)

4 2025 ACECC TECHNICAL COMMITTEE ACTIVITY AWARD

Recipient Technical Committee	TC Chair
TC14 Sustainable Infrastructure	Dr. William E. Kelly (ASCE)

5 2025 ACECC YOUNG ENGINEER PROFESSIONAL ACHIEVEMENT AWARDS

Recipient	Economy (Nominated By)
Dr. Prasanti Widyasih Sarli	Indonesia (HAKI)
Engr. Suraj Gautam	Nepal (NEA)
Dr. Kenjiro Yamamoto	Japan (JSCE)

Between the courses, cultural performances by the KSCE choir *Civil Harmony* and a traditional Korean percussion and string ensemble captivated the audience. Even after the two-and-a-half-hour program officially ended, most participants lingered around the stage, taking photos and sharing memories of the unforgettable evening

Day 3 (October 24, Fri) – Closing Reflections and the Flag Handover

The final day began with the sixth Plenary Lecture by Prof. Tae-Sik Lee, KSCE 43rd President and Co-Chair of the National Center for Climate Change, titled *Infrastructure Innovation in the Era of Climate Crisis: Vision of the Asian Technological Community and Horizon Asia.*

Even on the last day, technical and special sessions continued until 3 p.m., including a notable Exchange Session between JSCE DEI and KSCE WTC organized by Prof. Gun-Hee Jung of Hoseo University, and the long-running Korea-Mongolia Seminar celebrating its 20th year of collaboration.

The Closing Ceremony, moderated by the LOC Chair Prof. Jae-Yeol Cho, began at 3:15 p.m. with opening remarks by KSCE President Choi and congratulatory remarks by Dr. K.N. Gunalan, 2020 ASCE President and President-Elect of WFEO.

A summary report on CECAR10 statistics was presented, followed by the formal proclamation of the Jeju Declaration by ACECC Chair Prof. Jae-Woo Park.

The newly introduced CECAR10 Student Paper Awards recognized 18 outstanding student authors, raising the closing ceremony's spirit. Finally, the ACECC flag handover ceremony symbolized the end of KSCE's chairmanship and the transition to the next host, the Chinese Institute of Civil and Hydraulic Engineering (CICHE) of Taiwan. Both delegations exchanged warm handshakes as the flag was passed—marking the close of an extraordinary journey.

Highlights from CECAR10

In line with Korea's reputation as a global IT powerhouse, CECAR10 introduced a KIOSK-based badge printing system utilizing QR codes for both pre-registration and on-site registration. For on-site registration, participants were able to complete payments in USD by credit card without major issues. However, a few international participants who preferred to pay in cash faced minor difficulties related to exchange rates and currency handling — leading to a few unexpected moments of improvisation at the registration desk.

Unlike many international conferences, the exhibition booths at CECAR10 were not designed for revenue generation, but rather as a platform to showcase Korea's national research infrastructure. Led by the Korea Agency for Infrastructure Technology Advancement (KAIA), the exhibition featured 12 national large-scale experimental research centers under the Ministry of Land, Infrastructure and Transport, along with Professor Jong-Won Seo's Smart Construction Research Group from Hanyang University. This focused and content-driven approach resulted in a meaningful and well-organized exhibition.

The Poster Sessions, held on Wednesday and Thursday, were strategically located facing the exhibition booths, right along the main circulation path, attracting a steady flow of attention from participants. This layout encouraged lively interaction and spontaneous discussions, adding energy and vibrancy to the conference atmosphere.

And of course, the Photo Wall, now a staple at major international events, played its part beautifully. Participants — whether colleagues from the same country, researchers who met for the first time during a session, or simply those who crossed paths in the hallway — enjoyed capturing moments together, creating lasting memories and new friendships that will endure beyond the conference.

Epilogue

Having chaired many major academic events before, I must admit that CECAR10 was on a completely different scale. The preparation spanned four years and faced several unexpected and even unimaginable challenges—moments when I almost felt like seeking divine help.

Yet the conference concluded successfully, thanks to the exceptional leadership of ACECC Chair Prof. Jae-Woo Park, the dedicated support of KSCE representative Dr. Moon-Kyung Jung, and the unwavering efforts of my colleagues CECAR10 LOC Vice Chairs Profs. Jae-Ryang Park, Il-Han Jang, Hyun-Wook Choo, Ki-Tae Jang, ACECC PCM Chair Dr. Seung-Hak Lee, and ACECC TCCM Chair Kyung-Soo Park.

To all who contributed—my deepest gratitude.

CECAR10 was more than a conference; it was a celebration of unity, resilience, and shared vision among Asia's civil engineers.

May the memories of Jeju 2025 remain long in the hearts of all who were part of it.

Message from the Future Leaders Forum (FLF)

by Er. Ishita Arora, Chair ACECC FLC
Institution of Civil Engineers (India)

CECAR 10 – A Celebration of Knowledge and Collaboration

The **10th Civil Engineering Conference in the Asian Region (CECAR 10)** in **Jeju, South Korea**, was an inspiring and unforgettable experience. This was my **second Executive Committee Meeting (ECM)**, and it was truly special to witness the vibrancy, collaboration, and technical excellence that define ACECC's global community.

The event brought together enthusiastic representatives from **17 member countries**, each contributing invaluable insights and experiences. Participating in the **TCCM, FCM, PCM, and ECM** sessions was both educational and empowering, offering an opportunity to engage with senior leaders, technical experts, and visionary delegates working toward the advancement of civil engineering.

Attending the plenary sessions at CECAR 10 was truly an enlightening experience. These sessions served as a guiding force, offering a broader vision for the future of civil engineering. Listening to the experiences and insights of distinguished leaders and experts provided valuable perspectives on emerging challenges and opportunities in our field. I presented many recommendations on behalf of the Future Leaders Committee, which were warmly received and greatly appreciated. We are also sincerely thankful to Chair of FLF Er. Shailendra Ram along with the Deputy Chair Er. Maqbool Mohamad for their timely guidance and support and ACECC for the financial support that enabled us to attend and actively engage in these meetings. The Future Leaders Group also extends its gratitude to ACECC for introducing the Young Engineers Professional Awards (YEPA) category in this CECAR, recognizing and celebrating the achievements of emerging engineers.

Jeju – A Perfect Host

The conference venue—**Jeju Island**—offered not only breathtaking natural beauty but also warm hospitality and exceptional organization. Every detail, from the technical sessions to the cultural events, was managed with great enthusiasm and zest. The serene landscapes and welcoming atmosphere of Jeju made this CECAR an unforgettable experience for all attendees.

FLC–CELen Interactive Session

A highlight of CECAR 10 was the **joint session between the Future Leaders Committee and CELen students**, which proved to be an engaging and thought-provoking exchange.

The Civil Engineering Leader's Network (CELEN) organized by the Korean Society of Civil Engineers (KSCE), is an international exchange program designed to enhance the global competencies and practical experience of civil engineering students and professionals. It connects international students in Korea with local experts through site visits, internships, and expert seminars. The session featured insightful presentations, vibrant question-and-answer interactions, and discussions that bridged academic and professional perspectives. It was truly inspiring to see young minds so actively involved in shaping the discourse of civil engineering's future.

Honouring Future Leaders – YEPA Awards

This year's CECAR also marked a memorable milestone with the **Young Engineers Professional Awards (YEPA)** ceremony. It was a privilege to witness and celebrate the achievements of our young engineers—the true **backbone of our profession's future**.

On behalf of the ACECC FLC, I extend my **heartiest congratulations** to the award recipients. Your dedication, innovation, and passion embody the spirit of ACECC and serve as an inspiration to aspiring engineers across the region. We are confident that each of you will continue to grow into leaders who will shape the future of sustainable and resilient infrastructure.

As we move forward into 2025–2026, the ACECC Future Leaders Committee reaffirms its commitment to empowering emerging engineers, fostering collaboration, and promoting innovation across borders. Together, we will continue to uphold the ACECC mission of advancing civil engineering for a better, more sustainable future.

K N Gunalan has been Elected President-Elect at the WFEO General Assembly in Shanghai, China

https://www.wfeo.org/k-n-gunalan-has-been-elected-president-elect-at-the-wfeo-general-assembly-in-shanghai-china/

Congratulations to K.N. Gunalan (Guna) who has been Elected on 17 October 2025 as President-Elect at the World Federation of Engineering Organizations (WFEO) General Assembly which has been held in Shanghai, China.

He is the Chair of the WFEO-UN Relations Committee (WURC), the Past President of the American Society of Civil Engineers (2020), the Co-Chair of the UN Scientific & Technological Community Major Group and the President of the Atlas Initiative.

Guna is Vice President and Senior Project Director at HNTB Corporation.

He was senior Vice President, transportation, alternative delivery, Americas at AECOM, based in Salt Lake City, UT. Previously, he was a vice president at WSP USA, formerly Parsons Brinckerhoff.

Guna has managed large complex infrastructure projects, providing technical advice on civil, structural, geotechnical, pavement, and materials issues on a variety of projects around the world. His collaborative approach has contributed to many successful programs and projects ranging from a few thousand dollars to more than 3 billion dollars.

He has been active in the American Society of Civil Engineers (ASCE) for many years, including leadership roles as President (2020), Region 8 director (2009-2012), Region 8 governor (2005-2007), Utah Section president (2002-2003), and Texas Section High Plains Branch president (1992). He served as the chair of ASCE's 2014 Global Engineering Conference in Panama City, Panama, in celebration of the 100th anniversary of the Panama Canal. Most recently, he served as a governor for the Geo-Institute and was a member of the steering committee for the 2017 ASCE India Conference.

Dr. Gunalan is not new to ACECC. He was a key member of ACECC's TC17 (Ethical Practices to Reduce Corruption) that prepared the Code of Ethics Guidelines for ACECC member societies. He also attended CECAR 9 and CECAR 10, and presented technical papers at both conferences. He is a keen supporter of ACECC and has worked closely with the ACECC Secretary General. The ACECC community appreciates his support and is delighted on his being elected President-Elect of WFEO.

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[1], 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.

[1]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.

I Civil Engineering for Sustainable Society and Environment

1 Pushing towards the SDGs (Sustainable Development Goals)

We commit to advancing civil engineering practices that unequivocally support the achievement of the Sustainable Development Goals (SDGs), recognizing the shared threats posed by the COVID-19 pandemic, climate change, and the risks and opportunities presented by rapid technological advances. Acknowledging the current stagnation in progress towards the SDGs, we underscore the urgent need for intensified efforts across the ACECC countries. As civil engineers, we pledge to work diligently towards these goals, fostering solidarity between people, countries, and generations to create sustainable, inclusive, and resilient communities for all.

2 Embedding Climate Change and Disaster Resilience in Civil Engineering Projects

We recognize that many of the disasters we face today are direct and indirect consequences of climate change. In response, we commit to enhancing our resilience to climate-induced disasters through the integration of sustainable design principles, smart construction technologies, and disaster risk management strategies. Especially, to strengthen disaster resilience, we emphasize the role of smart and innovative technologies in disaster preparedness, response, and recovery. By integrating these technologies into early warning systems and infrastructure resilience planning, we aim to support safer and more adaptive built environments. We pledge to collaborate across disciplines and with communities to build environments that are resilient, sustainable, and capable of mitigating the impacts of climate change. Our actions will focus on reducing vulnerabilities, enhancing emergency preparedness, and improving response capabilities, all within the context of our broader commitment to climate adaptation and mitigation strategies.

3 Bridging the Global STI (Science, Technology and Innovation) Divide

Innovation and technology are key drivers of economic transformation and sustainable development in both developed and emerging economies. However, the full potential of STI remains underutilized in Least Developed Countries (LDCs), posing a significant challenge to achieving the SDGs. By leveraging advancements in science and technology, we can develop innovative solutions to pressing global issues, including healthcare, inequality, food security, and climate change. We commit to fostering international partnerships, promoting equitable access to knowledge and resources, and supporting capacity-building initiatives to close the technological divide and create a more inclusive global innovation landscape.

4 Poverty Reduction and Inclusive Infrastructure Development

We recognize that poverty reduction and inclusive infrastructure development are critical components of sustainable development. As civil engineers in the Asia region, we commit to improving the quality of life for marginalized communities by providing accessible and affordable infrastructure services. This involves collaborating with communities, adopting inclusive design approaches, and conducting social impact assessments to ensure that infrastructure benefits all segments of society. Through these efforts, we aim to foster social equity and create an environment where the fundamental needs of all people are met, thereby breaking the cycle of poverty.

5 Cultural Heritage Conservation

We acknowledge the importance of preserving cultural heritage as an integral aspect of sustainable development. Civil engineering plays a pivotal role in protecting and restoring historical structures and cultural sites, ensuring their resilience in the face of climate change and land use/land cover change. We commit to applying engineering expertise to conserve cultural heritage, utilizing advanced technologies and sustainable practices to protect the historical and cultural identity of communities. By integrating cultural considerations into our infrastructure projects, we aim to maintain the rich cultural diversity of the region while fostering social cohesion and a sense of shared history.

6 Ecosystem Conservation and Biodiversity Protection

We recognize the critical importance of protecting ecosystems and biodiversity as part of our commitment to sustainable development. Civil engineering projects must account for their impact on natural habitats, ensuring that infrastructure development does not come at the expense of ecological health. We commit to incorporating eco-friendly designs and construction practices that minimize habitat disruption, protect endangered species, and enhance natural ecosystem resilience, thus contributing to environmental restoration and sustainability

II Technological Innovation for Tackling Future Challenges

7 Innovation and Smart Technology

Acknowledging the rapid pace of technological advancement, we pledge to incorporate innovative and smart technologies in civil engineering projects to enhance the efficiency, safety, and sustainability of infrastructure. Smart technology — encompassing artificial intelligence, big data analytics, the Internet of Things (IoT), and beyond — offers unparalleled opportunities for improving project design, construction processes, and ongoing infrastructure management. By leveraging these technologies, we aim to create intelligent infrastructure that is adaptive, responsive, and capable of interacting with users and the environment in real-time.

8 Advancing Towards Carbon Net Zero in Civil Engineering

We recognize the urgent need to address climate change by reducing greenhouse gas emissions across all sectors, and we commit to leading the charge towards carbon net zero in the civil engineering field. We pledge to incorporate low-carbon design principles in civil engineering projects and innovate, implement, and advocate for sustainable practices, materials, and construction methods that significantly reduce carbon footprints. We will actively pursue research and development efforts that focus on low-carbon technologies and work to incorporate lifecycle carbon assessments into our planning and decision-making processes. By committing to these strategies, we aim to not only minimize the environmental impact of civil engineering projects but also to contribute positively to the global goal of achieving carbon net zero, ensuring a sustainable future for our planet.

9 Civil Engineering for Outer Space Development

Acknowledging the frontier of space as the next phase of human exploration and settlement, we commit to expanding the scope of civil engineering to include the development of sustainable habitats, infrastructure, and life support systems in outer space environments. This includes leveraging our expertise in sustainable development, resource management, and environmental protection to address the unique challenges of outer space construction and habitation. We pledge to promote research, collaboration, and education in the field of space civil engineering, fostering innovation that not only benefits extraterrestrial projects but also offers insights and advancements for sustainable living on Earth.

III Human-Centered Development and Collaboration in Civil Engineering

10 Education and Professional Development

We affirm the importance of continuous education and professional development for civil engineers, emphasizing the integration of smart technologies into our curricula and professional practices. This commitment extends to updating educational programs to include comprehensive training on these technologies, ensuring that new and existing professionals are proficient in their use and application. Furthermore, we pledge to foster a culture of lifelong learning within the profession, encouraging civil engineers to stay abreast of technological advancements and to continuously develop their skills in designing, implementing, and managing smart infrastructure systems. By doing so, we prepare our workforce to lead in the creation of sustainable, efficient, and intelligent urban environments.

11 International Collaboration, Knowledge Sharing, and Open Data

Recognizing the global nature of the challenges we face, we commit to enhancing international collaboration among civil engineering societies and advocating for open data practices within the sector. This combined effort will be achieved through the sharing of knowledge, best practices, and research findings, facilitated by open and accessible data platforms. We pledge to support the development of international standards for data sharing and transparency, encouraging the publication of research and project data in open formats that are accessible to all. By fostering a culture of collaboration and openness, we aim to accelerate innovation, improve project outcomes, and contribute to the sustainable development of infrastructure worldwide.

12 Equity and Gender Equality

We recognize the essential role of equity and gender equality in the advancement of civil engineering. We commit to fostering an inclusive environment that supports and promotes the participation of women and underrepresented groups in all aspects of civil engineering. This includes equitable access to education and career opportunities, fair representation in leadership roles, and the acknowledgment of diverse perspectives in the planning, design, and implementation of civil engineering projects. We pledge to implement practices that eliminate barriers to participation and ensure that our profession reflects the diversity of the communities we serve.

⓭ Promoting Youth Engagement and Leadership in Civil Engineering

We commit to nurturing the next generation of civil engineers by actively promoting youth engagement and leadership within our field. Recognizing the critical role young professionals play in driving innovation and addressing the challenges of the future, we pledge to create avenues for their involvement, development, and empowerment. This includes establishing mentorship programs, facilitating access to internships and cooperative education opportunities, and providing platforms for young engineers to contribute to research, design, and decision-making processes. By investing in the development of young talent, we ensure the civil engineering profession remains vibrant, dynamic, and prepared to meet the evolving demands of our world.

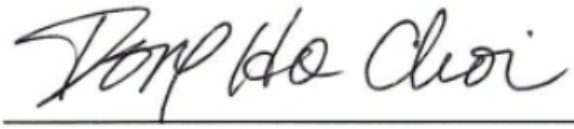
⓮ Upholding Ethical Standards in Civil Engineering

We recognize the importance of upholding ethical standards in civil engineering and commit to promoting the principles outlined in the ACECC Code of Ethics Guidance (2022), which provides a framework for integrity, obligation to sustainable development, competence, and professional responsibility. Ethical practice in civil engineering is essential to fostering public trust, ensuring safety, and advancing sustainable development. By adhering to these principles, we commit to responsible decision-making, transparency in professional conduct, and accountability to society. We encourage all civil engineers and organizations to integrate these ethical guidelines into their professional practices to uphold the highest standards of excellence in the field.

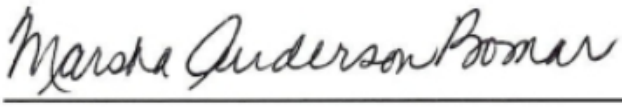
ACECC Jeju Declaration 2025

Signed on October 22, 2025 in Jeju by

Korean Society of Civil Engineers (KSCE)



American Society of Civil Engineers (ASCE)



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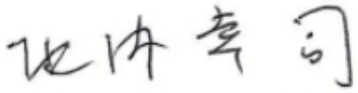
Japan Society of Civil Engineers (JSCE)



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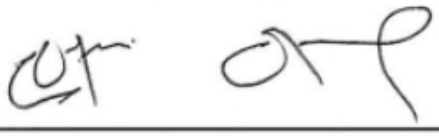
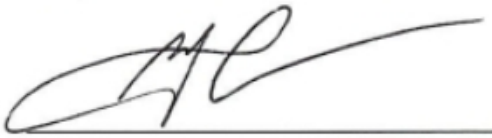


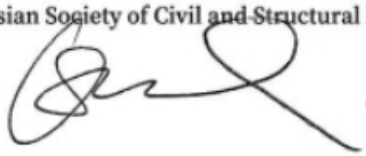
Vietnam Federation of Civil Engineering Associations (VFCEA)

Engineers Australia (EA)

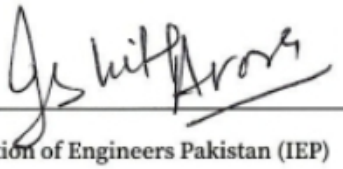
Mongolian Association of Civil Engineers (MACE)



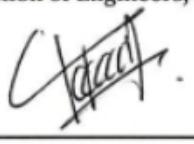
Indonesian Society of Civil and Structural Engineers (HAKI)



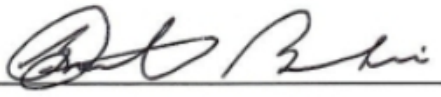
The Institution of Civil Engineers ICE(I)



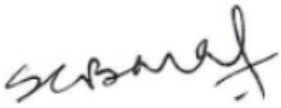
The Institution of Engineers, Bangladesh (IEB)



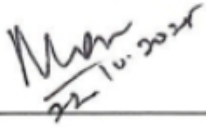
The Institution of Engineers Pakistan (IEP)



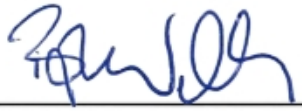
Nepal Engineers' Association (NEA)



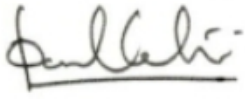
Federation of Myanmar Engineering Societies (Fed. MES)



Engineering New Zealand (ENZ)



Institution of Engineers Sri Lanka (IESL)



MD Russian Society of Civil Engineers (MD RSCE)

THE ASIAN CIVIL ENGINEERING COORDINATING COUNCIL

ACECC website: https://www.acecc-world.org/