

ACECC OUTLOOK NEWSLETTER



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Message From PC, ACECC

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Message From CICHE

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Message from the Secretary General
Dr. Udai P. Singh

50th ECM Kathmandu Message From ACECC Chair Prof. Yu-Chi Sung

Colleagues, the 50th ECM is a milestone in our journey. It reminds us of how far we have come, and it challenges us to envision how far we can go. With unity, commitment, and action, I am confident that ACECC will continue to grow in influence and service, making our contributions ever more significant.

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Mandalay Earthquake One Year On Regional Collaboration for Seismic Resilience



The year 2025 brought a stark and powerful reminder of our vulnerability to the forces of nature when a catastrophic Magnitude 7.7 earthquake struck the Sagaing Region near Mandalay—Myanmar’s second-largest city. Reaching an extreme maximum intensity and fracturing a massive 500-kilometer stretch of the volatile Sagaing Fault, it stands as the most powerful seismic event to strike the heart of our country in over a century.

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50th ECM Kathmandu

Message From ACECC Chair Prof. Yu-Chi Sung

Dear ACECC Members and Colleagues,

It is my great honor to welcome you all to the 50th ECM in Kathmandu, Nepal. On behalf of ACECC, I would like to take this opportunity to extend my heartfelt gratitude to the Nepal Engineers' Association for hosting us with such dedication, and to our Secretariat for their tireless efforts in preparing this important gathering. I also sincerely thank the representatives of our member societies for active participation and commitment to ACECC's mission.



Over the past decades, ACECC has advanced civil engineering knowledge, strengthened disaster prevention science, and promoted sustainable development across Asia and beyond. Through the work of our Technical Committees, the exchange fostered at our conferences, and the collective voice we have built, we have shaped engineering policy and practice — achievements born of shared vision and cooperation.



As we honor these accomplishments, we must also face the challenges ahead: rapid urbanization, climate change, and rising disaster risks demand innovation and adaptability, while financial sustainability, deeper engagement of member societies, and clearer communication of our work remain pressing. At the same time, the evolving role of technology—from digital platforms to artificial intelligence—calls us to rethink collaboration and prepare the next generation of engineers.

The ECM is not only a forum for discussion but a platform for action. I hope we can ensure that the conclusions we reach today are transformed into concrete steps. Let us move beyond resolutions and translate our collective wisdom into initiatives that will strengthen ACECC's impact.

Colleagues, the 50th ECM is a milestone in our journey. It reminds us of how far we have come, and it challenges us to envision how far we can go. With unity, commitment, and action, I am confident that ACECC will continue to grow in influence and service, making our contributions ever more significant.

Let us move ACECC forward together.

Prof. Yu-Chi Sung

Chair, ACECC

Former President, CICHE

Chair Professor, National Taipei

University of Technology



Message from the Secretary General

Dr. Udai P. Singh
Asian Civil Engineering
Coordinating Council



The 50th Executive Committee Meeting (ECM) held in Kathmandu, Nepal on 22 to 24 April, 2026 was a true milestone for ACECC. We celebrated our golden jubilee ECM in many ways, such as having a day long International Conference on 23 April and cutting a cake at the welcome dinner hosted by Nepal Engineers' Association (NEA). Many important decisions were made at the ECM. We completed the roster of the remaining officers and leaders of ACECC. The first Deputy Secretary

General (Er. Win Mon Mon Lwin of Fed. MES) and the second Deputy Secretary General (Dr. Prasanti Widyasih Sarli of HAKI) had been appointed days before the ECM. A new Finance Committee was appointed for the next 3 years, with Dr. Moonkyung Chung of KSCE serving as its Chair. Er. Frederick Sison of PICE was elected Chair of the Awards Sub-Committee, and Er. Maqbool Mohammed of ASCE was elected Chair of the Future Leaders Forum (FLF). Congratulations and best wishes to all new leaders!

Dr. Mony Mom, the President of the Cambodian Society of Civil Engineers (CSCE), attended the



ECM as an observer after applying for CSCE membership into ACECC, and answered questions from member societies. The application was approved and CSCE became ACECC's 18th member. Congratulations and welcome to CSCE! The TC31 Chair's (Dr. Cris Liban) proposal to engage ACECC member societies in the Institute for Sustainable Infrastructure (ISI) training for the ISI Envision Rating Tool used to evaluate the sustainability of a project was approved. Moreover, four new technical committees were approved:



We look forward to knowledge acquisition and sharing by the four new TCs on these important topics.

Governance changes and a new slate of officers of the Future Leaders Committee (FLC) were approved. The FLC released its booklet titled "Emerging Voices: Civil Engineering Insights From ACECC's Future Leaders". It is exciting to see FLF making such progress.



The new ACECC Chair (Prof. Yu-Chi Sung of CICHE) laid out his vision for ACECC in the coming years. Moreover, the CECAR 10 Final Report and CECAR 11 plans were approved. Also approved was ACECC's budget for the 2026-2027 fiscal year.

- TC37: Climate Adaptation and Sustainable Development in the Asia Pacific Region (sponsored by EA and ENZ).
- TC38: Seismic Resilient Infrastructures for Sustainable Development (sponsored by IEB, IEP, NEA, and Fed. MES)
- TC39: Cascading and Compound Risk Assessment for Resilient Engineering (sponsored by NEA and HAKI)
- TC40: Hydropower Knowledge & Innovation Network (sponsored by NEA)
- We look forward to knowledge acquisition and sharing by the four new TCs on these important topics.

Dr. Udai P. Singh
 Secretary General
 Asian Civil Engineering Coordinating
 Council (ACECC)





REGIONAL EXPERTISE FOR SEISMIC RESILIENCE

Mandalay Earthquake One Year On

Engr. Win Mon Mon Lwin

First Deputy Secretary General, ACECC

Vice President, Federation of Myanmar Engineering Societies (Fed. MES)

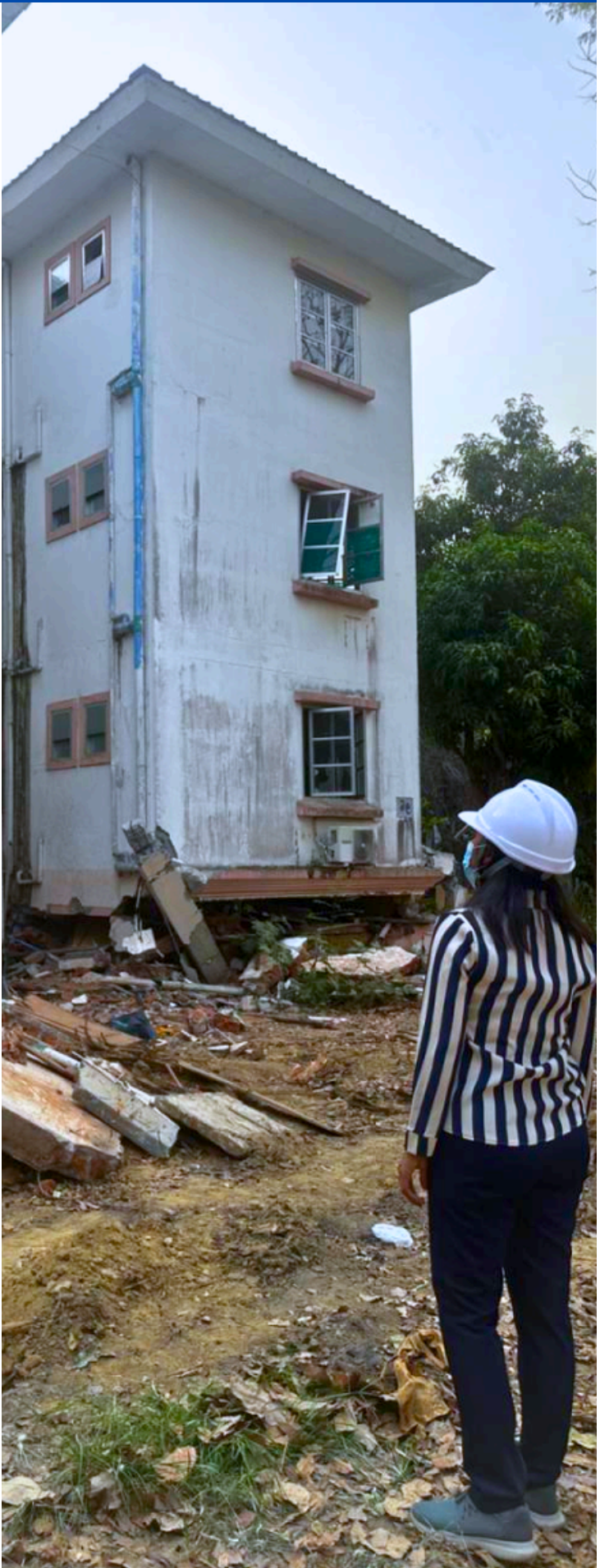
The year 2025 gave us a powerful reminder of how vulnerable we are to natural disasters when a Magnitude 7.7 earthquake struck the Sagaing Region near Mandalay. Fracturing a 500-kilometer stretch of the Sagaing Fault, it was the strongest seismic event to hit the heart of Myanmar in over a century. One year later, our engineering community remembers this tragedy with deep sadness for the lives lost and the damage caused. At the same time, as structural and civil engineers, we have a clear responsibility. Earthquakes are a hazard of nature, but building structures that fail is a challenge we have the power to fix.



Right after the disaster, the Federation of Myanmar Engineering Societies (Fed. MES) stepped up, sending local engineers to the field to assess damage, check structural safety, and guide emergency repairs. Over the last year, our focus at Fed. MES has shifted from emergency response to long-term recovery and seismic safety. We have been studying exactly why buildings failed in Mandalay and Sagaing, focusing closely on high-rises, heritage sites, and residential homes. By pushing for stricter enforcement of our local code, the Myanmar

National Building Code (MNBC 2025) which was published in June 2025, we want to make sure that as we rebuild, we do not repeat old mistakes, but actually build a safer future.

In this journey, the solidarity and swift support of our regional partners proved invaluable. Just after the earthquake struck, ACECC and Fed. MES collaboratively arranged a comprehensive series of five critical knowledge exchange sessions to guide our recovery and technical assessment efforts. On behalf of Fed. MES, we would like to express our deepest gratitude and acknowledgment to ACECC for organizing these five sessions. This timely intervention allowed our local engineers to quickly connect with leading international experts, gaining immediate technical guidance and specialized knowledge when we needed it most.



This immediate response is precisely where the mission of the Asian Civil Engineering Coordinating Council (ACECC) becomes vital. In my role as First Deputy Secretary General, I want to use this experience as a blueprint to build an even stronger bridge between local challenges and regional expertise. ACECC's real strength is its ability to bring different countries together to share knowledge. Through our Technical Committees on disaster risk reduction, we can continue to bring advanced seismic design practices from experienced nations into rapidly developing economies.

Our goal now is to turn the painful lessons of the 2025 Mandalay Earthquake into practical engineering solutions. By combining the hands-on insights of national societies like Fed. MES with the regional reach of ACECC, we can promote

smart, affordable, and resilient design. Moving forward, we need to focus on sharing resilient technology, training local structural engineers, and aligning our engineering perspectives to handle modern seismic realities. Let us honor the memory of those affected by the Mandalay earthquake by renewing our commitment to public safety, working together through ACECC and our national societies to build a safer, more resilient Asia.

Engr. Win Mon Mon Lwin

First Deputy Secretary General, ACECC



Message from the Planning Committee (PC) Chair

Prof. Yuan-Lung Lo
Chair, Planning Committee (PC), ACECC
Chinese Institute of Civil and Hydraulic Engineering (CICHE)



Dear ACECC Members and Colleagues,

It is a profound honor and a privilege for me to serve as the Chair of the Planning Committee (PC) of ACECC. As I step into this role, I am deeply inspired by the legacy of excellence established by my predecessors and the collective expertise

within this esteemed Council. I look forward to this invaluable opportunity to learn from the distinguished experts of our member societies. My primary goal is to ensure the seamless execution of our upcoming Planning Committee Meetings (PCM) and to foster an environment where every member country finds their participation both rewarding and impactful.

I am especially honored that the upcoming CECAR 11 will be hosted in my home country. We are fully committed to upholding the high standards set by previous conferences. Our team is working tirelessly to ensure that CECAR 11 not only facilitates the exchange of cutting-edge engineering knowledge but also provides a memorable experience that meets the expectations of all our international delegates.

As we approach the conclusion of the current ACECC Strategic Plan, we stand at a pivotal juncture. The upcoming 50th and 51st Executive Committee Meetings (ECM) will be critical platforms for us to reflect on our achievements and identify future challenges. I earnestly invite all member societies to contribute your visionary insights during these sessions. Your feedback will be the cornerstone in shaping the core missions and tasks of our next Strategic Plan, ensuring that ACECC remains a leading force in the sustainable development of the Asian region.

Finally, I look forward to working closely with the ACECC Secretariat, the Executive Committee, and all administrative representatives. Through our collaborative efforts, I am confident that we will successfully drive our various initiatives forward and continue to enhance the quality of life through civil engineering excellence.

Prof. Yuan-Lung Lo

Chair, Planning Committee (PC), ACECC



Message from Chair of the Technical Coordinating Committee (TCC) of ACECC.

Assoc. Prof. Shieh-Kung Huang
 Chinese Institute of Civil and Hydraulic Engineering (CICHE)



I am honored to serve as the new Chair of the Technical Coordinating Committee (TCC) of ACECC. It is my pleasure to provide an update on the recent activities of ACECC’s Technical Committees (TCs).

We currently have 13 active TCs through international cooperation, and I would like to announce the addition of four new committees: a) Climate Adaptation and Sustainable Development in the Asia-Pacific Region, proposed by Dr. Gregory De Costa (ENZ); b) Seismic Resilient Infrastructures for Sustainable Development, proposed by Dr. Md. Shafiul Islam (IEB); c) Cascading and compound Risk Assessment for Resilient Engineering, proposed by Engr. Suraj Gautam (NEA); d) Hydropower Knowledge & Innovation Network, proposed by Er. Subash Chandra Baral (NEA). These new committees will

play a vital role in strengthening technical capacity for sustainable and resilient infrastructure across Asia.

I am also pleased to note the successful completion of activities by TC-22, TC-26, and TC-28. These are all critical areas, and I would like to express my sincere appreciation to the chairs—Dr. Sarosh Lodi (IEP), Ms. April Lander (ASCE), and Prof. Eiki Yamaguchi (JSCE)—as well as to all members for their hard work and dedication. In addition, I would like to acknowledge the excellent TC seminars organized during the last ECM by TC-25 (Prof. Brian O’Donnell, EA), TC-27 (Dr. Benito Pacheco, PICE), TC-30 (Dr. Sung-min Cho, KSCE), and TC-35 (Prof. Yuan-Lung Lo, CICHE). These seminars were highly informative and offered valuable insights into the latest developments in our field.

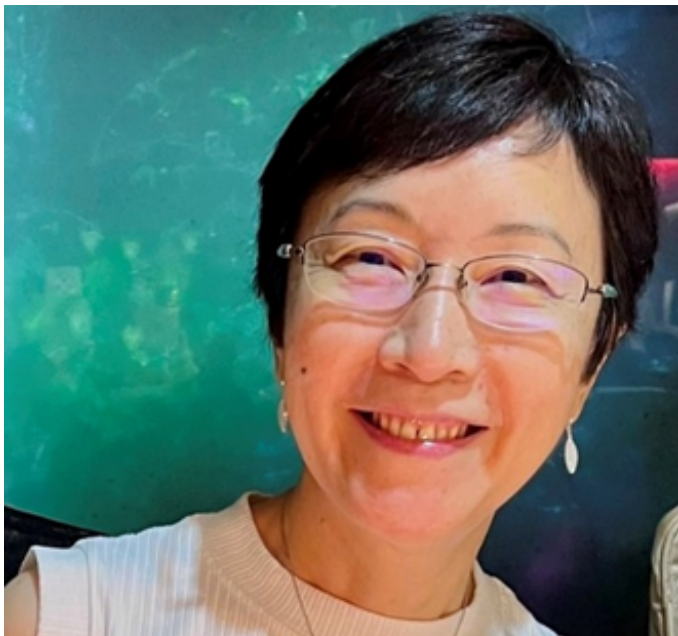
At the end of this message, I would like to thank all TC chairs and members for their leadership and active participation in advancing and disseminating infrastructure technologies among ACECC member societies. I am confident that, through the continued efforts of our TCs, we can collaboratively address the challenges and critical issues facing Asia.

Assoc. Prof. Shieh-Kung Huang
 Chair, Technical Committee (TCC), ACECC



Message from Secretary General Of Chinese Institute of Civil and Hydraulic Engineering (CICHE)

Kerwin H.C. Ni
 Secretary General
 Chinese Institute of Civil and Hydraulic Engineering (CICHE)



I am delighted to serve as the Chair of the Local Organizing Committee for the 11th Civil Engineering Conference in the Asian Region (CECAR11), to be held in Taiwan in 2028.

It is my great pleasure to warmly invite you to join us in Taiwan for this important gathering of the civil engineering community in Asia. CECAR11 will present a comprehensive and forward-looking technical program, covering a wide spectrum of topics—from resilient infrastructure and climate adaptation to smart engineering, digital innovation, and sustainable development. We aim to create a dynamic platform that encourages knowledge exchange, interdisciplinary dialogue, and meaningful international collaboration.

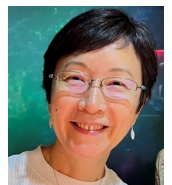
CECAR11 in Taiwan has received strong and enthusiastic support from the national government, local authorities, relevant public agencies, private enterprises, and academic institutions across the country. With this solid backing, we have assembled an outstanding and dedicated team committed to serving you and delivering a truly high-quality and impactful conference.

In addition to the technical programs, we are also planning a variety of local activities, giving you the opportunity to explore Taiwan’s unique culture, cuisine, and hospitality.

CECAR11 will be more than just a conference—it will be a memorable journey of connection, learning, and shared vision. We sincerely look forward to welcoming you to Taiwan and to shaping together a more resilient and sustainable future for civil engineering in Asia.

See you in Taiwan in 2028!

Kerwin H.C. Ni
 Secretary General
 Chinese Institute of Civil and Hydraulic Engineering (CICHE)



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