

Editorial

Preface of the 2026 12th International Conference on Advanced Engineering and Technology [†]

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[†] All papers published in the volume are presented at the 2026 12th International Conference on Advanced Engineering and Technology, Incheon, Republic of Korea, 20–22 March 2026.

1. Conference Overview/Introduction

The International Conference on Advanced Engineering and Technology (ICAET) took place at Incheon National University, Incheon, Republic of Korea, from March 20 to 22, 2026. This conference brought together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations, and spark new ideas; its aim was to develop new projects and exploit new technology in the field of applied materials and advanced material processing technologies. The committee of the ICAET expresses their sincere thanks to all authors for their high-quality research papers and well-delivered presentations. All reviewers are also thanked for their careful comments and advice. Thanks are finally given to MDPI for producing this volume.

2. Conference Structure

Conference Name: International Conference on Advanced Engineering and Technology.

Conference Location: Incheon, Republic of Korea.

Conference Date: 20–22 March 2026.

Conference Website: <https://icaet-conf.org>.

Conference Organizer: Incheon National University, Incheon Disaster Prevention Research Center.

Conference Chairs: Prof. Mosbeh Kaloop, Mansoura university, Delta, Egypt; Incheon Disaster Prevention Research Center, Incheon, Republic of Korea.

Conference Co-Chairs: Prof. Jongwan Hu, Incheon National University, Incheon, Republic of Korea.

Organizing Committee:

1. Prof. Mosbeh Kaloop, Mansoura University, Delta, Egypt; Incheon Disaster Prevention Research Center, Incheon, Republic of Korea.
2. Prof. Jongwan Hu, Incheon National University, Incheon, Republic of Korea.
3. Prof. Dongkeon Kim, Dong-A University, Busan, Republic of Korea.

Various efforts are vitally needed for the prevention of and protection from disasters and calamities. Therefore, we understand the necessity for disaster technology, and we set up the Incheon Disaster Prevention Research Center (IDPRC) in Incheon National University (INU) in 1997. Accordingly, the Incheon Disaster Prevention Research Center



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(IDPRC) in Incheon National University has conducted research on the prevention of disasters and calamities, and has disseminated this research through various seminars, conferences, and lectures. This research has been conducted in cooperation with Incheon National University (INU) in various fields, including structural, soil, hydraulic, and environmental. The Incheon Disaster Prevention Research Center (IDPRC) aims to be a leader in the disaster industry through its various research activities and global conferences.



3. Conference Program

The ICAET 2026 program is shown in Figure 1.

The 2026 12th International Conference on Advanced Engineering and Technology
(12th ICAET 2026)

Conference Schedule		
2026.03.20		
Time	Activity	Location
15:00 ~ 18:00	Registration	INU Convention Center
2026.03.21		
Time	Activity	Location
09:30 ~ 14:00	On-site Registration (Hallway)	Incheon National University(INU) Convention Center
10:30 ~ 10:50	Opening Ceremony	
10:50 ~ 11:30	Keynote Speech	
11:30 ~ 13:00	Photo Shoot Time	
11:30 ~ 13:00	Lunch	
13:00 ~ 14:30	Oral Session_1	
14:30 ~ 14:45	Coffee Break	
14:45 ~ 16:30	Oral Session_2	
16:30 ~ 17:00	Oral Session_3	
17:00 ~ 17:15	Best Paper Award & Closing Ceremony	
2026.03.22		
Time	Activity	Location
10:00 ~ 12:00	Poster Session	INU Convention Center

Figure 1. ICAET 2026 conference program.

Keynote Speakers: Prof. Mosbeh Kaloop, Mansoura University, Delta, Egypt; Incheon Disaster Prevention Research Center, Incheon, Republic of Korea.

Conflicts of Interest: The authors declare no conflicts of interest.

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