

Editorial

# Preface of the 2024 10th International Conference on Advanced Engineering and Technology <sup>†</sup>

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<sup>†</sup> All papers published in the volume are presented at the 2024 10th International Conference on Advanced Engineering and Technology, Incheon, Republic of Korea, 17–19 May 2024.

## 1. Conference Overview/Introduction

The International Conference on Advanced Engineering and Technology (ICAET) took place in Incheon, Incheon National University, South Korea from 17 to 19 May 2024. This conference brought together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations, and to 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, South Korea

Conference Date: 17–19 May 2024

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, South Korea

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

Organizing Committee:

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



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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 conference program is shown as Figure 1.

The 2024 10th International Conference on Advanced Engineering and Technology  
(10th ICAET)

Conference Schedule		
2024.05.17		
Time	Activity	Location
15:00 ~ 18:00	Registration	INU Convention Center
2024.05.18		
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	
2024.05.19		
Time	Activity	Location
10:00 ~ 12:00	Poster Session	INU Convention Center

**Figure 1.** ICAET 2024 conference program. Keynote Speakers: Prof. Mosbeh Kaloop, Mansoura university, Delta, Egypt; Incheon Disaster Prevention Research Center, Incheon, South Korea.

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

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