

# Preface

The 10<sup>th</sup> International Conference on Advanced Materials, Mechanics and Structural Engineering (AMMSE 2023) took place on December 15-17, 2023, in Seoul, South Korea.

This 10<sup>th</sup> meeting brought together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations and spark new ideas with the aim to develop new projects and exploit new technology in the fields covered by the conference agenda. The conference program covered invited, oral, and poster presentations by scientists working in similar areas and provided a platform for collaborative research projects.

The Committee of AMMSE 2023 expresses sincere thanks to all authors for their high-quality research papers and careful presentations. All reviewers are thanked for their careful comments and advice. Thanks are finally given to Trans Tech Publications for providing a platform for publishing and disseminating the results of this AMMSE meeting.

The Organizing Committee of AMMSE 2023

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University Core Research Center for Disaster-free and Safe Ocean City Construction (D-SOC) at Dong-A University

Recently, various efforts to prevent and prepare for disasters and calamities have become vitally needed. Understanding the need for technology for disaster prevention, we established the University Core Research Center for Disaster-free and Safe Ocean City Construction (D-SOC), which was built in 1965 at Dong-A University with the aim to contribute to the development of construction industry.

Accordingly, the University Core Research Center for Disaster-free and Safe Ocean City Construction (D-SOC) at Dong-A University has progressed in research on construction technology and planning through various seminars, conferences and lectures. Such research could be conducted in cooperation with Dong-A University in various fields of structure, soil, hydraulics and environment.

The University Core Research Center for Disaster-free and Safe Ocean City Construction (D-SOC) aims to be a leader in the construction industry through various research activities, technical exchanges and global conferences.