

TRANSACTIONS ON SCIENCE AND TECHNOLOGY

VOLUME 10 ISSUE NO 2-2

UPSCALING CIVIL ENGINEERING FOR
SUSTAINABLE CONSTRUCTION



UMS
UNIVERSITI MALAYSIA SABAH

ISSN 2289-8786

Transactions on Science and Technology

Volume 10, Issue Number 2-2

E-ISSN: 2289-8786

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Preface

The 2nd International Conference on Civil Engineering and Construction Technology 2022 (ICECon2022) brings together experts from different civil engineering fields to share ideas, research and industry case studies with other like-minded professionals. This year's conference is organised by Universiti Malaysia Sabah's Civil Engineering Program and Green Materials and Advanced Construction Technology Research Unit (GMACT) with collaborations from Universiti Tun Hussein Malaysia (UTM), Universiti Sains Malaysia (USM), Association of Consulting Engineers Malaysia (ACEM) and The Institution of Engineers Malaysia (IEM) as co-organizers.

The theme of the conference is upscaling civil engineering for sustainable construction, focusing on innovations and engineering solutions from the sustainability perspective. Prominent speakers such as Professor Datuk Dr. Ahmad Fauzi Ismail from Universiti Teknologi Malaysia, Associate Professor Dr. Soon-Chul Kwon from Pusan National University, and Professor Dr. Taksiah A. Majid from Universiti Sains Malaysia were invited as keynote speakers to present their latest research and development in their respective fields. This year, ICECon2022 also hosted an academic forum session chaired by Eur Ing Dr. Phebe Mann (Chair of ICE London) and participated by Datuk Seri Dr. Michael Yam (Chancellor of the University of Wollongong Malaysia), Dr. Alex Opoku (University of Sharjah), and Ir. Gandhi Suppiah (Chair of ICE Malaysia). The topic of discussion of Actions towards Net-zero Construction and the Sustainable Development Goals (SDGs).

Lastly, the ICECon22 would only have happened with the collaboration between the Green Materials and Construction Technology (GMACT) research unit and the Civil Engineering Program. Without the outstanding support, collaboration, help, and trust of our co-organizers, keynote speakers, authors, eminent reviewers, and attendees – the conference could not have been a technical success.

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