

## Preface

The 3<sup>rd</sup> Research, Invention, and Innovation Congress (Ri2C2022) is hosted by King Mongkut's University of Technology Bangkok (KMUTNB). Prof. Dr. Suchart Siengchin, the Advisory Chair of Ri2C2022, invited scholar researchers, engineers and industries to attend this event on 4-5 August 2022. The Ri2C2022 organized three main themes; i) Materials and Mechanics (iMM), ii) Electricals and Electronics (iEE), and iii) Sustainable Sciences (iSS). The iSS research topic covered the fields of sustainable energies, sustainable environments and related fields. With the supports from presenters worldwide, scientific committee, reviewers and editorial board members, all papers presented in Ri2C2019 and Ri2C2021 were published in E3S Web of conference.

Among the COVID19 pandemic situation, the social distancing manner brings us apart, and it is difficult time for attendee worldwide travel to present and share their research in Bangkok, Thailand. We therefore organize the online event to be the stage for our participants. In Ri2C2022 event, a total of 26 papers with the focused topics of Environmental Science and Engineering and Energy were peer-reviewed by at least 2 reviewers and accepted for iSS session. In this event, the presented papers were submitted by our international authors with the ratio of international papers at 42.3%, and this ratio was increased from Ri2C2021 event (36%). The organizer committee will continue to host this event again in 2023 to welcome international scholars and industries to bridge the connection in research activities.

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Managing Editor

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