

Preface

With great pleasure we are introducing the proceedings of 2023 5th International Conference on Resources and Environment Sciences (ICRES 2023). This conference is expected to encourage the passion for researching Resources and Environment Sciences.

Prof. Orawan Siriratpiriya from Chulalongkorn University, Thailand & Resources Management for Sustainability (3R) Foundation: 3R Foundation, Thailand was invited to do opening remarks for the conference. Prof. Khaled M. Bali from University of California, San Diego, USA; Assoc. Prof. Sunil Herat from Griffith University, Australia; and Prof. Nur Islami from Universitas Riau, Indonesia have been invited to given keynote speeches. Dr. Apipong Putkham from Mahasarakham University, Thailand; Assoc. Prof. Dr. Kreangkrai Maneeintr from Chulalongkorn University, Thailand and Dr. Peerapong Pornwongthong from King Mongkut's University of Technology North Bangkok, Thailand delivered invited speeches at the conference.

The conference consisted of two sessions onsite in Bangkok and one session online. All accepted papers of researchers, engineers, academicians as well as industrial professionals from Australia, Brunei Darussalam, Canada, China, Croatia, Indonesia, Japan, Malaysia, Republic of Korea, Russia, Taiwan, Thailand, and USA presented at the ICRES 2023 were included in this volume, which contained three chapters with topics: (1) Solid Waste Management and Waste Valorization. (2) Water Resource Management and Water Quality Analysis. (3) Environmental Protection, Life Cycle Assessment, and Sustainable Development. (4) Environmental Impact Assessment of Infrastructure Construction and Building Fire Protection. All papers were subjected to peer-review by conference committee members and international reviewers. The papers were selected based on high quality and high relevancy to the conference scope.

We would like to present our heartfelt thanks and deeply appreciated to all of technical and conference committee members including colleagues who have organized the conference. Indeed, it was a successful conference. Moreover, we also would like to express our gratitude to co-sponsors and technical supporters, besides all authors who showed keen interest in ICRES 2023.

Prof. Orawan Siriratpiriya
Chulalongkorn University, Bangkok, Thailand
August 8, 2023

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