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Editorial

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KYUSHU UNIVERSITY

Editorial

Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy celebrates its fifth anniversary with the current publication, i.e., Volume 6, Issue No. 1. Over the last five years, Evergreen recorded several milestones and gained excellent reputation as an emerging Journal with the focus on Green Innovations.

The present issue is decorated with original articles and selected papers from the International Meeting on Advances in Thermofluids (IMAT2018). The original articles include charge-discharge characteristics of Li/CuCl2 batteries, investigation of humidification-dehumidification desalination system, and the mineralogy and geochemistry of host rocks and orebodies at the Anjing Hitam Prospect including their Environmental implications. We also have an interesting article on the improvement of chemical, physical and mechanical properties of zalacca fibers after $NaHCO_3$ treatment.

As announced in the previous Issue, the second part of this edition publishes selected papers from the IMAT2018 held in Bali – Indonesia on November 16 – 17, 2018. IMAT2018 was organized by the Mechanical Engineering Departmen Universitas Incdonesia, Universiti Teknologi Malaysia, Universitas Udayana and Kantor Pengelolaan Produk Riset dan Inovasi UI. The research and development in the area of thermofluids are gaining momentum contributing to environmentally friendly technologies. In this special issue, ten papers have been included covering the areas related to the energy efficiency such as 2-phase flow in the mini channel for refrigeration systems together with the optimization and entropy generation minimization (EGM) technique. The smart ventilation is also described in this edition which focuses on the occupant-based, demand-controlled ventilation. An occupancy estimation algorithm is presented using a Bayesian Markov chain Monte Carlo algorithm based on the indoor carbon dioxide concentrations. The edition includes articles on HVAC&R-related research starting from the refrigeration cycle analysis, cooling tower water treatment to the air distribution system. Meanwhile the research on the biofuel and pyrolysis oil is also covered in this special issue. We also have articles on Carbon Nano Tube (CNT). We believe that these articles record innovations in the respective fields which, we

hope, collectively conduces to a sustainable future.

The guest editors in this special edition would like to thank all the reviewers who have made the most valuable contribution by reviewing, commenting and advising authors. Special thanks go to the Green Asia Education Center of the Kyushu University as the publisher of the Evergreen journal for their cooperation and excellent support. For Evergreen Editor-in-chiefs, we would like to take this opportunity to thank you both for the fruitful collaboration in this special edition.

As always, we would like to acknowledge the strong support of the reviewers, authors, the editorial team and the management team for the successful publication of this issue. We would like to extend our special appreciation to the contribution of our Evergreen Secretariat, Mr. Masayoshi Makino, who judiciously coordinated the publication not only of the present issue but also all the previous prints.

Bidyut Baran Saha & Kyaw Thu (Editor-in-Chiefs)
Nasruddin, Mohd Fairus Mohd Yasin & Muhammad Arif Budiyanto (Guest editors)

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