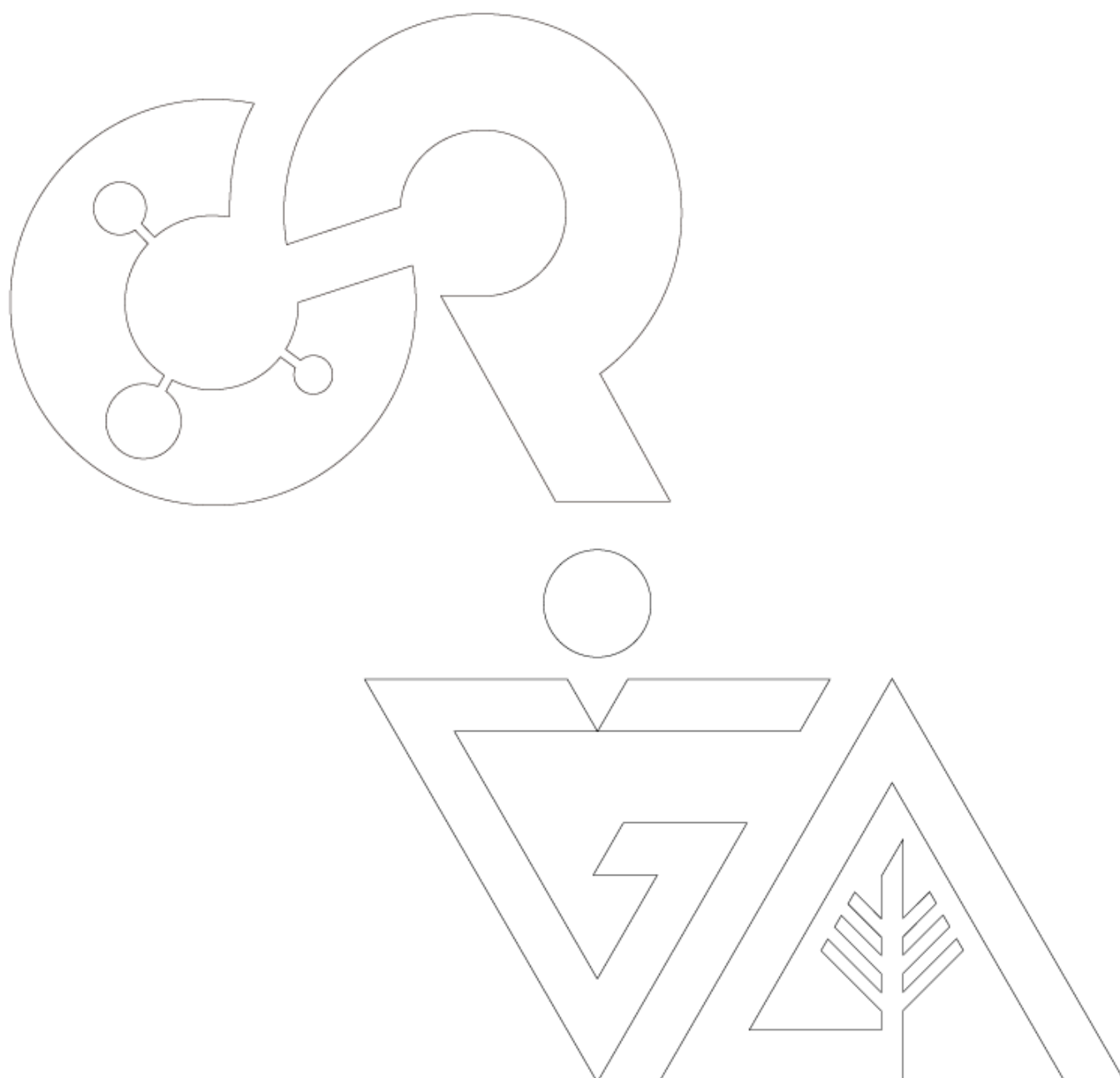

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★ Selected Papers from the 3rd International Conference on Industrial, Mechanical, Electrical, and Chemical Engineering (ICIMECE 2017).



Editorial

Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy is an international and interdisciplinary platform which is open to the scientific community and ultimately to the general public all over the world. and aimed at solution of environmental and energy issues on a global scale. This edition is the Volume 5, Issue 2, the second issue of 2018. This issue is comprised of two parts. In the first half of this issue, we accepted four selected articles from *the 3rd International Conference on Industrial, Mechanical, Electrical, and Chemical Engineering (ICIMECE 2017)*. This symposium was held on September 13-14, 2017 in Surakarta, Indonesia, and organized by Engineering Faculty of Sebelas Maret University and the Advanced Graduate Program in Global Strategy for Green Asia, Kyushu University. In the second half of this edition we accepted eight articles which was presented as '*Green Asia Theses*' in the Advanced Graduate Program in Global Strategy for Green Asia, Kyushu University, which started in 2012. This program is aimed at developing human resources for solving environmental problems globally (especially in Asian region), and as a part of the program each student is required to consider such issues not only from technological but also socioeconomic point of view in the 'International Exercise' classes and 'Green Asia Thesis'.

In the first part of full papers from ICIMECE 2017, we have several interesting topics offered by the authors in the fields of industrial, mechanical, electrical and chemical engineering. The first article by Sosiati et al. explains the modified material from polypropylene composite. The next article discusses the physicochemical properties of glucomannan-alginate as vitamin C excipient. We also have an interesting article, provided by Yaningsih et al., discussing the dehumidification technology using honeycomb desiccant block. In addition, an article by Dyartanti et al. presents the modified nanocomposite polymer electrolytes for large-capacity lithium-ion batteries.

In the second part of 'Green Asia Theses', there is a wide variety of topics including ones related especially to the actual environmental issues in several Asian and other countries: i) study on economic feasibility of E-waste recycling facility in Egypt, ii) research on the impact of internet penetration for the economic growth of Indonesia, iii) analysis of policy on cadaveric kidney donation and transplantation, iv) proposal of environmental policy in Indonesia regarding mining industry in comparison with the United States and Australia, v) study on environmental assessment and characteristics of next generation refrigerants, vi) evaluation of economic efficiency of the sugarcane-based bio-refinery in Indonesia, vii) analysis of key factors of solar energy progress in Bangladesh until 2017, and viii) overview of accidents of Thai industry between 2001 and 2017. By introducing social scientific methodology, these papers have succeeded in proposing policies and evaluating economic efficiency which are necessary for developing science and technologies useful for solving various environmental problems. We believe that these papers provide to the readers more bird's-eye view of the necessity of various science and technology development.

We welcome and acknowledge contributions by authors specializing natural sciences and engineering, social sciences or humanities from all over the world. We strongly appreciate the services of our reviewers, their support and timely review comments without which this edition was not realized. We would like to extend our gratitude to the support of the organizing committee members of ICIMECE 2017, Prof. Tomoaki Watanabe (Fukuoka Institute of Technology), the former teacher of International Exercise classes in Green Asia Program, and Evergreen Editorial Board members. We are grateful to the Editors-in-Chief of Evergreen, Prof. B.B. Saha and Assoc. Prof. Kyaw Thu, for their judicious editing of all the final versions of the manuscripts published in this special issue. Last not least, we thank the Editorial Office staffs, Mr. Masayoshi Makino and Ms. Mieko Inoue, for their great effort for the publication of selected papers from ICIMECE 2017 and Green Asia Theses.

Agung Tri Wijayanta (Guest Editor for the selected papers from ICIMECE 2017)
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