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Editorial

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KYUSHU UNIVERSITY

Editorial

The editorial team is very glad with the publication of *EVERGREEN* Volume 8, Issue 03. This edition includes twelve original articles and eight articles from the selected papers (the 2nd batch) from the 7th series of Mechanical Engineering Research Day (MERD`20).

Carbon neutral society is a novel and ambitious target. Many sectors including, not limited to, HVAC&R, transportation, manufacturing, hospitality and industry, play important roles in achieving the carbon neutral ecosystem. New innovations in science and engineering from various research domains are crucial in marching towards this goal. Thus, articles covered in *EVERGREEN* are essentially diversified in wide scopes with the sole vision of publishing advances in science and engineering for the carbon neutral and green environment. The first article discussed the mitigation of greenhouse gas emissions from the municipal waste management in Kosovo scenario focussing on the contribution of the solid waste to the GHG emission. The second article covered the safety warning detector (SWAD) system for the safe environment for the roadworks on the highway. We also have an excellent article titled as the asymmetric Kharasch addition “On-Water” catalyzed by “RhCl[(-)-DIOP]”. Other subjects covered in this edition include the extraction of potable water from the atmosphere, activated carbon-loaded membrane extracted from oil palm empty fruit bunches, thermal performance of mica-mineral reinforced intumescent coating for steel, coverage performance of a wireless sensor network and low-cost survey instrument using Android application. Articles from the selected papers from MERD`20 are very interesting, too.

This is, perhaps, the age of publication. We got several emails from many publishers introducing new journals almost daily basis. The number of manuscripts to be reviewed is growing in the exponential trend with an increasing number of journals. It is rather natural that getting the services of qualified reviewers is becoming harder since many of them are swamped with several review requests. Thus, the editorial team is very grateful to *EVERGREEN* reviewers who have been providing excellent, yet professional, review services. It is impossible to publish *EVERGREEN* without their contributions and we hope to receive their continued support. Our reviewer-author base is getting stronger day by day and we are happy to continue publishing excellent articles. We would like to acknowledge the contribution of *EVERGREEN* Secretariat, Ms Mieko INOUE. We are also thankful to the authors for their interest in publishing with *EVEGREEEN* and their understanding and patience with the process. The editorial team is working harder to publish excellent articles with greater efficiency while we are in the process of building an online submission system which will be up and running soon.

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Editorial from the Guest Editors of MERD' 20

The special issue is dedicated to the 7th series of Mechanical Engineering Research Day (MERD). MERD is organized by the Faculty of Mechanical Engineering (FKM) in association with the Centre for Advanced Research on Energy (CARe), Universiti Teknikal Malaysia Melaka (UTeM). The event was held virtually in the form of a mini-seminar at the Kampus Teknologi UTeM, Melaka, on 16 December 2020. This year, MERD is also co-organized by the Graduate School of Engineering, Nagoya University.

The objective is to create a platform for the scientists, scholars, researchers, engineers, and students from Higher Educational Institutions, Research Institutions, and Industries to present their findings of ongoing/completed original research activities. Hence, fostering research collaborations between the universities and industries. The other objective is to introduce young researchers in the scientific field of mechanical engineering through poster/oral presentations and publications, to offer mentoring through senior researchers/scientists, and to foster the building of networks through the informal style of the event.

MERD is a fantastic opportunity for students to practice preparing and presenting scholarly work to a general audience. Academia and non-academia will also be able to share their work with a wide range of individuals, build a list of potential collaborators, and engage students to learn more about their work.

As guest editors, we hope that the total of 19 papers in this special issue will serve as a valuable reference for researchers and mechanical engineers around the globe. We are also grateful to the Chief Editor of Evergreen and reviewers who worked very hard in reviewing papers and providing feedback for authors.

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