

Editorial

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Editorial

EVERGREEN has been publishing quality papers since 2014. For eight years, the article handling processes have been manual via email communications among the authors, reviewers, and the editorial team. Being a manual process, there were some inconveniences, including the status of the articles. Nevertheless, we have published over 350 articles, which are truly remarkable feats. *EVERGREEN* set another milestone in launching the online submission system (<https://www.editorialsystem.com/egreen/>) which is up and running since the 4th of January, 2022. Our team believe that the new submission system will provide our authors and reviewers with feature rich experience.

It is our immense pleasure to publish *EVERGREEN* Vol. 9, Issue 01, the first edition in 2022. In this edition, we have eleven original papers and 15 selected papers from the 17th Quality in Research International Conference, QiR2021. Historically, *EVERGREEN* has been publishing many manuscripts under the scope of the sustainable environment, and this edition is not an exception. We have articles on the aspects of the geothermal power generation in Indonesia, assessment of the wind energy potential in Jordan, performance improvement of dye-sensitized solar cells; several articles on composites and tribology. Lately, we have been publishing papers on computer science (SC) and artificial intelligence (AI). This edition includes some articles in these research areas. Articles from the selected papers from QiR2021 covers diverse research themes such as smart city, AI, engineering design, environmental science and advanced materials.

The world is witnessing a geopolitical crisis while slowly recuperating from the deadly pandemic. A warfare adds another instability to our world following to the pandemic still on-going. In view of this, recent surge in energy costs brutally questions the readiness of the renewable energy to practically replace the fossil fuel. Under-investing in the oil and gas industry without a proper alternative disrupts the global economy and significantly influences all walks of life. Energy crisis is a huge global risk. Nevertheless, we can treat such experience as a timely reminder to accelerate our R&D activities.

EVERGREEN would like to thank all our authors for their great interest in publishing with us. Our readership and authorship are expanding at an excellent pace. We are very pleased that our reviewer database is growing, too. We gratefully acknowledge their continued support with expert and professional comments. *EVERGREEN* is in the upgrading phase from the manual to online submission system, and our editorial team is putting tremendous effort for the smooth transition. *EVERGREEN* secretariat, Ms INOUE, has been inserting a huge effort from the submission phase to the publication phase. We greatly appreciate her contributions. We are confident that our collective efforts will pay a huge dividend in the form of citation index and recognition. We wish all safe and sound.

Jun Tanimoto (Editor-in-Chief)

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Evergreen - Joint Journal of Novel Carbon Resource Sciences & GreenAsia Strategy

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Editorial from the Guest Editors of the The 17th QiR International Conference

The 17th QiR (Quality in Research) International Conference is an biannual conference organized by the Faculty of Engineering, Universitas Indonesia. This moment, during the pandemic, QiR International Conference aims to be an international meeting to discuss on the role of the science and technology in the 21st Century. The conference will focus on Resilience and Adaptability for a Post-Pandemic World: Exploring Technology for Our Green Environment. The main objective of the Conference is to open a worldwide discussion on the current role of technology in the academic and scientific areas and on their importance to boost a more responsible society post pandemic.

17th QiR 2021 has been succesfully conducted in online mode, due to pandemic, on 13th -15th October 2021 in conjunction with The 6th International Tropical Renewable Energy Conference 2021 (I-Trec 2021) and The 2nd AUN-SCUD International Conference (CAIC SIUD).

The conference covers various topics in engineering, science, and management which focuses on Resilience and Adaptability for a Post-Pandemic World: Exploring Technology for Our Green Environment. 16 keynoted speakers from around the world and around 350 presenters have attended The 17th QiR International Conference. We have long cooperation and collaboration with Evergreen which publishes high-quality manuscripts. In this term, we publish selected 15 articles on Evergreen, which discuss various issues including materials technology advancement in biomedical and industrial applications, the use of artificial intelligence in engineering, sustainable environment, information technology, optimization, and smart city-related issues. Two articles specifically discuss about innovation in pandemic era.

All of the 17th QiR (Quality in Research) International Conference committee and guest editors in this special issue hope that the novelty and breakthrough of these published articles can contribute to science and technology development and boost a more responsible society post-pandemic. We express gratitude to all members for their very nice cooperation and collaboration in this organized The 17th QiR (Quality in Research) International Conference. Editors also deeply thank all reviewers for their positive comments and advice in contributing to the quality of published articles. Finally, special gratitude was given to the Chief Editor and the Editorial team of EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy which gives the opportunity to publish the first batch special edition of The 17th QiR (Quality in Research) International Conference 2021 articles on the special issue of the Evergreen Journal.

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