Special Issue

Marine Renewable Energy, an Important Resource Towards a Low Carbon Future

Message from the Guest Editor

Marine renewable energy sources are abundant, but the amount of energy that can be extracted using the existent technologies varies from site-to-site and dayto-day, depending on the location and on the weather conditions. As we all know, a significant reduction of the CO2 emissions represents a problem of increasing importance. In this context, the technologies currently associated with the extraction of the marine renewable energy are very relevant in achieving the expected targets in terms of energy efficiency and environmental protection. This Special Issue seeks to contribute to the renewable energy agenda through enhanced scientific and multi-disciplinary works, aiming to improve knowledge and performance in extracting marine renewable energy. From this perspective, we encourage works targeting innovative technical developments, reviews, case studies, and analytics, as well as assessments and manuscripts related to different disciplines, which are relevant to harvesting marine renewable energy and related topics.

Guest Editor

Prof. Dr. Eugen Rusu

Head of Laboratory of Computations and Modeling in Applied Mechanics, Department of Applied Mechanics, "Dunarea de Jos" University of Galati, 800008 Galati, Romania

Deadline for manuscript submissions

closed (31 December 2022)



Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9



mdpi.com/si/76726

Inventions
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inventions@mdpi.com

mdpi.com/journal/inventions





Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9





About the Journal

Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

Editors-in-Chief

Prof. Dr. Chien-Hung Liu

Department of Mechanical Engineering, National Chung Hsing University, 250 Kuo Kuang Rd., Taichung 402, Taiwan

Prof. Dr. Shoou-Jinn Chang

Department of Electrical Engineering, National Cheng Kung University, Tainan 701, Taiwan

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).