



*inventions*



an Open Access Journal by MDPI

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

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 Galați, Romania

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### 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 day-to-day, depending on the location and on the weather conditions. As we all know, a significant reduction of the CO<sub>2</sub> 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.



[mdpi.com/si/76726](https://mdpi.com/si/76726)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

**Journal Rank:** CiteScore - Q1 (*General Engineering*)

## Contact Us

---

*Inventions* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/inventions](http://mdpi.com/journal/inventions)  
[inventions@mdpi.com](mailto:inventions@mdpi.com)