



## Development and Utilization of Marine Renewable Energy for Sustainability

Guest Editors:

**Dr. Zhen-Zhong Hu**

**Dr. Sunwei Li**

**Dr. Yichao Liu**

**Dr. Rajasekhar V. Pulikollu**

Deadline for manuscript  
submissions:  
**closed (28 August 2024)**

### Message from the Guest Editors

Currently, the energies used by human beings are mainly petroleum, natural gas, coal and other fossil fuels. These fuels are non-renewable, and their extensive use has also brought serious environmental problems.

Ocean renewable energy (ORE) is clean, pollution-free and abundant. It plays a key role to support the sustainability of our economy and society. Although it gradually becomes a common view to exploit ORE, the technical challenges brought about by reducing the overall cost while utilizing ORE are still a major concern. In order to exchange new ideas in developing and utilizing ORE, this Special Issue in *Sustainability* is proposed.

Manuscripts covering the following topics are warmly welcome in this Special Issue:

- Innovative approach to assess the potentials of ORE, and the discussion on the possibility of exploitation;
- Innovative design of devices for the exploitation of ORE;
- Advanced technologies for developing and utilizing new marine energy sources, such as wind energy, wave energy and tidal energy, etc.;
- Reviews for the current status and future developments for the utilization of ORE;
- Other studies concerning the utilization of ORE.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)