

## Special Issue

# Development and Utilization of Marine Renewable Energy for Sustainability

### 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.

### Guest Editors

Dr. Zhen-Zhong Hu

Dr. Sunwei Li

Dr. Yichao Liu

Dr. Rajasekhar V. Pulikollu

### Deadline for manuscript submissions

closed (28 August 2024)



**Sustainability**

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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