

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

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Deadline for manuscript submissions

closed (28 August 2024)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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