

Special Issue

Wave and Tidal Energy Resource Assessment and Its Sustainable Exploration and Utilization

Message from the Guest Editors

In oceanic environments, naturally occurring phenomena like waves, currents, and tidal movements show dense and sustainable energy sources and energy harvesting from such environments has attracted growing interest from the scientific community. The scientific community is called on address the study, design, and continuous improvement of marine energy resource exploitation systems—always with a view to sustainable development. This Special Issue aims to focus on recent scientific progress in the field of wave and tidal energy and welcomes original research and review articles. Research areas may include, but are not limited to, the following:

- Wave energy;
- Tidal energy;
- Ocean energy devices;
- Multiuse platforms;
- Moorings and foundations;
- Grid connection;
- Materials and structural design;
- Hydrodynamic modelling and device development and testing;
- Installation, operation, and maintenance planning;
- Implementation of offshore renewable energy generation and storage;
- Sustainable exploration and utilization resource assessment;

Guest Editors

Dr. Thomas P. Mazarakos

Prof. Dr. Spyros A. Mavrakos

Dr. Theodore Lilas

Deadline for manuscript submissions

closed (31 December 2024)



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

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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.

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

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