

Special Issue

Ocean and Hydropower–2nd Edition

Message from the Guest Editors

Our seas and oceans offer vast renewable energy resources. Exploring the great potential of the ocean and hydropower is exciting and meaningful; we are establishing this Special Issue to call for more attention to this scientific area and to strengthen communication between scholars. We welcome any theoretical, numerical and experimental studies, which address a range of topics related to the ocean and hydropower systems. We are also including offshore wind and photovoltaic systems as well. The submitted manuscripts should address one or more of the following topics. Other possible topics will also be considered:

- Design, manufacture and optimization of tidal/wave/offshore wind and hydropower energy converters;
- Hydro/aerodynamic properties of tidal/wave/offshore wind/hydropower and other offshore devices;
- Innovative control system or strategy of ocean and hydropower power generators;
- Smart grid technology for sustainable energies;
- Novel offshore energy storage devices;
- Positioning and installation of offshore energy converters;
- VLFS (very large floating structures) and sustainable energy;
- Pump-turbines and other hydraulic machinery.

Guest Editors

Prof. Dr. Yuquan Zhang

Prof. Dr. Jianhua Zhang

Prof. Dr. Ling Zhou

Prof. Dr. Bin Huang

Deadline for manuscript submissions

closed (4 May 2024)



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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. 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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