



Ocean and Hydropower–2nd Edition

Guest Editors:

Prof. Dr. Yuquan Zhang

Prof. Dr. Jianhua Zhang

Dr. Ling Zhou

Prof. Dr. Bin Huang

Deadline for manuscript
submissions:

closed (4 May 2024)

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.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)