



Sustainable Hydrodynamic Modelling in Offshore and Ocean Engineering

Guest Editors:

Dr. Enhao Wang

Prof. Dr. Wanhai Xu

Prof. Dr. Qing Xiao

Dr. Yuanchuan Liu

Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues:

The ocean is an important element of global life-support systems and is a valuable asset for the sustainable development of society. The lag in exploitation technology as well as the unreasonable and insufficient development and utilisation of marine resources has resulted in the serious waste of resources and severe damage to the marine environment. Sustainable development of the ocean has become one of the major challenges encountered by the human race.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- hydrodynamic experimental testing;
- theoretical/analytical methods in hydrodynamics;
- computational fluid dynamics;
- fluid–structure interaction simulation;
- boundary element method;
- empirical/semi-empirical modelling;
- machine/deep learning-based hydrodynamic models;
- hydrodynamic modelling in digital twin of offshore and ocean structures.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)