Special Issue

Sustainable Hydrodynamic Modelling in Naval Architecture and Ocean Engineering

Message from the Guest Editors

With the rapid development of experimental and simulation techniques, hydrodynamic modelling has provided strong support for achieving breakthroughs in key technologies in ships and ocean engineering. It has been an important topic with great theoretical and practical significance. Therefore, we are delighted to announce this Special Issue entitled "Sustainable Hydrodynamic Modelling in Naval Architecture and Ocean Engineering", which will collect papers presenting experimental, theoretical, analytical, empirical and numerical studies on the hydrodynamics in ships and ocean engineering applications for the sustainable development of ships and the ocean. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Theoretical/analytical methods in hydrodynamics;
- Computational fluid dynamics;
- Experimental fluid mechanics;
- Fluid-structure interaction simulation;
- Ship propulsion hydrodynamics;
- Machine/deep-learning-based hydrodynamic models;
- Hydrodynamic modelling of ocean structures.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Bo Zhou

Prof. Dr. Kangping Liao

Prof. Dr. Baoji Zhang

Dr. Hui Liu

Deadline for manuscript submissions

closed (13 September 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/160962

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

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

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. *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

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)