

## Special Issue

# Sustainable Hydrodynamic Modelling in Offshore and Ocean Engineering

### 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.

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### Guest Editors

Dr. Enhao Wang

Prof. Dr. Wanhai Xu

Prof. Dr. Qing Xiao

Dr. Yuanchuan Liu

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### Deadline for manuscript submissions

closed (31 March 2024)



## Sustainability

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# 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. 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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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