



Sustainable Hydrodynamic Modelling in Offshore and Ocean Engineering

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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.





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Message from the Editor-in-Chief

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