Advances in Ship Waves Modelling

Guest Editor:

Dr. Arash Abbasnia
Instituto Superior Tecnico, Technical University of Lisbon, Av Rovisco Pais 1040-001, Lisboa, Portugal

Deadline for manuscript submissions:
closed (20 February 2022)

Message from the Guest Editor

Dear Colleagues,

In the present Special Issue, we aim to collect pioneering research studies toward modelling-induced waves by floating structures mathematically and experimentally. The scope covers hydrodynamic modelling of fluid flow around marine structures and evaluation of the performance of marine structures. Parametric geometrical modelling (CAD/CAM) and geometry optimization using artificial intelligent algorithms will be appreciated in this Special Issue. Moreover, the development of computational codes with high fidelity in hydrodynamic analysis of marine structures is in the scope, as is the application of top-notch computer programming into the computational code. Our goal is to gather hydrodynamic models which take advantage of advanced techniques in computational fluid dynamics. Moreover, advanced potential flow models are of interest in this Special Issue.

Dr. Arash Abbasnia
Guest Editor

Special Issue

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

Message from the Editor-in-Chief

T h e *Journal of Marine Science and Engineering* (*JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.
Journal Rank: JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

Contact Us