### **Special Issue**

# Application of CFD Simulations to Marine Hydrodynamic Problems

### Message from the Guest Editors

In recent years, the applications of CFD simulations to marine hydrodynamics and marine engineering problems have grown considerably. This Special Issue responds to the need for a textbook that unifies various issues on the applications of CFD simulations to marine hydrodynamics problems, and also to applications of fluid-structure interactions in coastal and ocean engineering. It must contain specialized research in computational fluid mechanics that includes a balanced approach between computational, empirical and theoretical methods, but in relation to marine, coastal or even river and waterway environments.

### **Guest Editors**

Dr. Peng Du

School of Marine Science and Technology, Northwestern Polytechnical University (NPU), 127 Youyi Road, Beilin, Xi'an 710072, China

### Prof. Dr. Abdellatif Ouahsine

Laboratoire Roberval, Sorbonne Université, Université de Technology de Compiègne, Centre de recherches Royallieu, CS 60319, CEDEX, 60203 Compiègne, France

### Deadline for manuscript submissions

closed (15 April 2024)



## Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.0



mdpi.com/si/178693

Journal of Marine Science and Engineering Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 jmse@mdpi.com

mdpi.com/journal/

<u>jmse</u>





# Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.0





### Message from the Editor-in-Chief

The 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.

### Editor-in-Chief

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

### **Author Benefits**

### **High Visibility:**

indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

