



## Computational Fluid Mechanics

Guest Editors:

**Dr. Peng Du**

**Prof. Dr. Abdellatif Ouahsine**

**Prof. Dr. Haibao Hu**

**Prof. Dr. Xiaopeng Chen**

Deadline for manuscript  
submissions:

**closed (20 July 2022)**

### Message from the Guest Editors

Dear Colleagues,

Ocean flows and their interactions with marine structures, vehicles, etc. are of great importance for research in marine science and technology. Revealing their mechanisms inevitably involves fluid mechanics. Computational fluid mechanics (CFD) techniques are developing to a higher level today with the flourishing of computer science. CFD is able to predict ocean flow details and hydrodynamic interactions with increasing accuracy.

This Special Issue will collect papers on cutting-edge developments in CFD in the area of marine science and technology. CFD methods including novel numerical algorithms, advanced treatments of solving procedures, parallel acceleration techniques, and the utilization of CFD for fluid–structure interaction, wave modeling, ship dynamics, etc. are all welcomed.

Prof. Dr. Peng Du

Prof. Dr. Abdellatif Ouahsine

*Guest Editors*





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## Editor-in-Chief

**Prof. Dr. Tony Clare**

School of Natural and  
Environmental Sciences,  
Newcastle University, Newcastle  
upon Tyne NE1 7RU, UK

## 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.

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*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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