

Special Issue

CFD Applications in Ship and Offshore Hydrodynamics

Message from the Guest Editors

Computational Fluid Dynamics (CFD) methods are becoming an increasingly reliable and indispensable tool in the field of ship and offshore hydrodynamics. The main advantage of CFD methods over conducting experiments, in addition to time efficiency and cost saving, is shown in its detailed insight into the local flow characteristics. Besides, CFD analysis of the various designs enables robust, efficient, and economically viable solutions. Since the overall performance of ships and offshore structures as well as their environmental footprint significantly depends on their hydrodynamics characteristics, the rapid and accurate assessment on such characteristics is of utmost importance. The aim of this Special Issue is to gather state-of-the-art contributions to numerical ship and offshore hydrodynamics. Researchers are welcome to submit original contributions that investigate the problems as well as reviews on the latest developments in the field of ship and offshore hydrodynamics.

Guest Editors

Prof. Dr. Nastia Degiuli

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia

Dr. Ivana Martić

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia

Deadline for manuscript submissions

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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