



CFD Applications in 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

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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.





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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

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*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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