

Special Issue

Ship Dynamics and Hydrodynamics

Message from the Guest Editors

Ship hydrodynamics and dynamics have always been one of fundamental elements of naval architecture and ocean technology and cover a wide range of topics related to interaction between a ship or other marine structures and the surrounding fluid; analysis of the resulting loads and motions thus provide indispensable inputs for the ship's strength and design problems. In addition to traditional topics, such as ship resistance, propulsion, seakeeping and maneuvering, the issues related to hydroelasticity, motion control, navigation and guidance, route planning, computational fluid dynamics (CFD), hull form optimization, novel kinds of propulsors and steering devices are also considered. In addition to common surface displacement ships, other kinds of marine craft, submersibles, various ocean structures and platforms often become subjects of investigation.

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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

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