

Special Issue

Hydrodynamic Response to the Effect of Current Loads on Floating Offshore Platform

Message from the Guest Editors

This Special Issue is driven by the increasing interest in the dynamics of floating offshore platforms under current loads as floating offshore platforms are located in unprotected environmental conditions and depths in offshore regions. Therefore, the dynamic responses of floating offshore platforms under current loads in terms of structural motions and displacements of different modes are necessary to access their efficiency, survivability, stability from structural damage. This Special Issue will focus especially on models based on the novel, latest, and allied developments under current loads with floating offshore platforms.

Submissions must include theoretical modeling, numerical modeling, and prototype testing as applications in offshore platforms. Contributions introducing the wave–current interactions on the dynamics of the floating rigid/flexible platforms based on theoretical, numerical, and experimental models are specially encouraged and welcomed. All types of manuscripts (i.e., research articles, reviews, and short communications) are welcomed.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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
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