

Special Issue

Offshore Structures: Latest Advances and Prospects

Message from the Guest Editors

Various offshore structures are developed to exploit and utilize marine resources. In addition, innovative platforms are designed to efficiently alleviate environmental loads, and thus a comprehensive understanding of the structural performance of offshore structures is beneficial for their design and construction. The Special Issue showcases studies on the wave-induced motions and load responses of offshore structures (floating and fixed offshore platforms, offshore infrastructures, underwater vehicles, etc.) using numerical simulation. Specific potential areas presented in the Special Issue include, but are not limited to, the following: hydrodynamics, structures and materials, stability and safety, ocean environmental engineering, renewable energy, and digital twin technology.

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Deadline for manuscript submissions

closed (21 May 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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