



Mooring Systems for Offshore Structures and Devices

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Message from the Guest Editors

Dear Colleagues,

There is a variety of offshore structures, of renewable energy devices and aquaculture installations that require mooring systems to be kept in position. The mooring system is a critical component of a floating production platform, and its integrity over the field life is of great importance. The present Special Issue of the Journal of Marine Science and Engineering will be dedicated to innovative mooring concepts, computational methods, high-fidelity numerical models, and experimental analysis as a support of the development of mooring systems. Thus, we encourage the submission of high-quality papers in the following areas:

Innovative mooring design and analysis;

Numerical simulations for mooring dynamics;

Computational fluid mechanics for mooring systems;

Model tests of moorings with floating bodies;

Mechanical properties of mooring ropes;

Mooring reliability analysis;

Short-term and long-term extreme response of mooring systems;

Dynamics of moored floating structures;

Mooring design and dynamics of offshore aquaculture systems.

Special Issue



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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.

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