



Design and Analysis of Offshore Structures II

Guest Editors:

Dr. Kangsu Lee

Korea Research Institute of Ships
& Ocean Engineering, Yuseong-
gu, Daejeon, Republic of Korea

Prof. Dr. Chang Yong Song

Department of Naval
Architecture & Ocean
Engineering, Mokpo National
University, Joennam 58554,
Republic of Korea

Deadline for manuscript
submissions:
closed (5 August 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue covers research topics related to the design and analysis of offshore structures. All theoretical, analytical, numerical, and experimental research, as well as review papers and case studies of engineering applications for offshore structures, are warmly invited. Various offshore structures can be included, such as fixed, floating, movable, jack-up, and hybrid. This Special Issue aims at gathering the most promising research in this area. A rapid reviewing process and open-access publication will be provided for high-quality papers on the following topics:

- Hydrodynamic analysis of offshore structures;
- Structural design and analysis of offshore structures;
- Mooring system analysis;
- Local strength analysis of welded joint
- Hydroelastic analysis of very large floating structures;
- Structural health monitoring of offshore structures;
- Reliability-based structural design and analysis;
- Fluid–structure interactions;
- Structure–soil interactions;
- Transportation and installation analysis of offshore structures;
- Fire and explosion analysis of offshore structures;
- Fatigue and fracture analysis of offshore structures.





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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

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

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