# Special Issue

# Mooring Systems of Floating Offshore Structures for Emerging Industries

**Message from the Guest Editors**

Current offshore renewable energy (e.g., wind, waves, and tidal energy) and aquaculture (e.g., fish, seaweed, and mussel farming) practices require large structures to be installed offshore.A key element of these floating structures is the mooring system, which is the subject covered in this Special Issue. Moorings can significantly affect rigid body motions and, in turn, the performance of a floating system and are solely responsible for station-keeping during extreme weather events. Accurately assessing a structure's dynamics and mooring responses in operational and survivable conditions is critical when developing a new technology that can consistently produce sustainable energy/seafood or other products across a wide range of conditions yet mitigate the risk associated with a severe storm.

This Special Issue aims at bridging the knowledge transition between offshore oil and gas and other emerging industries for reliable and sustainable mooring design and analysis of floating offshore renewable energy and aquaculture structures.


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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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