Special Issue

Fluid-Structure Interaction (FSI) Issues in Floating Offshore Wind Turbines

Message from the Guest Editors

The offshore wind industry is expected to expand exponentially in the coming decades; as such, research and innovation are needed to allow for the safe, cost-effective, and sustainable design of floating offshore wind turbines (FOWTs). A significant challenge is the fluid–structure interaction (FSI) issue associated with the various components of FOWTs, such as blades, floaters, and power cables. This Special Issue focuses on FSI problems such as vortex-induced vibrations (VIV) and vortex-induced motions (VIM), both experimental and numerical, addressing critical challenges faced by the design, operation and decommissioning of floating offshore wind turbines.

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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.

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