



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

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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