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Offshore Wind Energy

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Message from the Guest Editors

Dear Colleagues,

Offshore wind power has come a long way since it was first installed in 1991 on monopiles. Recently, as a part of exploring deeper waters and unobstructed wind speeds, floating wind power has garnered interest. Installing floating turbines brings additional degrees of freedom that affect turbine performance and safety. For this reason, the design methodologies, hydrodynamics, aerodynamics, and control of such structures have differences from fixed structures and require attention. Similar concerns can be raised regarding their economic viability. This Special Issue will focus on covering these topics in order to address the developments in the field. Different types of offshore wind structures, their fabrication, and installation practices are also of interest.

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Special Issue



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Message from the Editor-in-Chief

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