



Advances in Offshore Wind Energy

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Message from the Guest Editor

Offshore wind energy, and in particular deep waters offshore wind, is one of the most challenging and promising sources of renewable energy. During the last years the technical feasibility of different floating technologies has been proven at laboratory or prototype scale, successfully in some of the cases. Although these projects have contributed to take a significative step forward in the sector, the room for improvement is still large.

This Special Issue attempts to summarize the latest advances on floating offshore wind. Sharing experience and knowledge is the best way to leverage and foster one of the most inspiring engineering challenges nowadays.

Papers that deal with wind energy in the following areas are invited:

- Platform design and optimization
- Floating Platform hydrodynamics
- Physical experiments on Floating Wind Turbines
- Coupled Numerical models
- Mooring and anchoring systems applied to floating offshore wind
- Dynamic power cable and connectors for floating platforms
- Installation and Decommissioning strategies
- Platform performance versus wind turbine control algorithm





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Message from the Editor-in-Chief

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