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Novel Design, Modelling and Analysis of Offshore Wind Turbines

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Deadline for manuscript submissions:
closed (22 December 2023)

Message from the Guest Editors

This Special Issue aims to present the most recent advances related to the theory, design, modelling, analysis, and control of floating offshore wind turbines.

Topics of interest include, but are not limited to:

- Dynamic modelling and analysis of offshore wind turbines;
- Soil–structure interaction in relation to offshore wind turbines;
- Fluid-structure interaction in relation to offshore wind turbines;
- Grid interaction of offshore wind turbines;
- Advances in control systems;
- Condition monitoring and preventative maintenance;
- Fatigue life analysis;
- Fault-tolerant machines;
- Advances in modelling approaches;
- In-depth analysis and case studies;
- Reliability analysis;
- Uncertainty quantification.

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Message from the Editor-in-Chief

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Journal Rank: CiteScore - Q1 (Control and Optimization)

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