# Special Issue

# Novel Design, Modelling and Analysis of Offshore Wind Turbines

**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.


**Guest Editors**

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**Deadline for manuscript submissions**

closed (22 December 2023)


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## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Editor-in-Chief

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