

Special Issue

Recent Advances in Offshore Wind Turbines

Message from the Guest Editors

Offshore wind energy is abundant, with a great potential contribution to the global goal of net zero emissions. To further reduce the levelized cost of energy, the offshore wind sector is moving to the deep-water zone, and large-sized wind turbines with high power production capacity have been deployed. This brings particular challenges to the design and analysis of offshore wind turbines. To tackle these challenges, the offshore wind sector is making continuous progress in structure design, control strategies, manufacturing materials, installation methods, etc. This Special Issue aims to create a forum for both academia and industry where the most recent achievements and progress on offshore wind turbines can be exchanged. We are inviting original submissions reporting new analysis methods or findings regarding all aspects of offshore wind energy. We look forward to receiving your contributions.

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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.

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