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Wind Turbine 2023

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Deadline for manuscript
submissions:
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Message from the Guest Editors

In the last decade, wind power generation technology became more mature and competitive in utility scale.

“Wind Turbine 2023” is a continuation of the previous and successful series of Special Issue with topic of “Wind Turbines”. This Special Issue aims to realize the world-wide potential to harness clean energy from land-based and offshore wind. Similarly, this issue also focuses on recent advances in the wind energy sector on a wide range of topics, including:

- wind resource mapping,
- wind intermittency issues
- wind turbine reliability, availability, safety and risk
- aerodynamics, foundations, aeroelasticity
- wind turbine technologies
- control of wind turbines, diagnostics
- generator concepts including gearless concepts
- power electronic converters
- grid interconnection, ride-through operation, protection
- wind farm layouts - optimization and control, reliability, operations and maintenance
- black start of wind farms
- effects of wind farms on local and global climate
- wind power stations
- energy storage systems in wind farms
- smart-grid and micro-grid related to wind turbine operation
- cost and life cycle assessment of wind turbines



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Special Issue



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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.

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