

Special Issue

Advancement in Wind Turbine Technology

Message from the Guest Editor

This Special Issue offers a major opportunity for reporting advancements in wind turbine technologies for realizing the worldwide potential to harness wind energy onshore and offshore. This Special Issue covers, but is not limited to, a wide range of topics, including:

- Wind farms
- Digital twins
- Cost modelling
- Wake dynamics
- Control mechanisms
- Reduced-order modelling
- Wind-resource estimation
- Applications and economics
- Aeroelasticity and aeroacoustics
- Environmental and legal aspects
- The estimation of remaining useful life
- The aerodynamics of rotors and blades
- Installation and condition monitoring
- Power generation, storage and transmission
- Novel wind-turbine designs and optimisation
- Analytical, empirical and numerical modelling

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



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About the Journal

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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