

Special Issue

State of the Art of Clean Technologies for Wind Energy and Wind Turbines

Message from the Guest Editors

It is especially important to focus on the state-of-the-art of these technologies, as a proper understanding of the complex and multi-faceted background in which wind turbines operate in, including environment, the power grid and the turbine itself, is key to further advancing these technologies. With this multi-disciplinary research environment, this special issue aims to gather review articles and scientific-studies focusing on state-of-the-art of clean technologies for wind energy and wind turbines. We welcome contributions that include, but are not limited to:

- Wind turbine and wind farm design and optimization
- Wind turbine blade recycling and raw-material use reduction
- Wind turbine and wind farm control for improved energy capture and resiliency
- Wind energy in power-to-x energy systems
- Power smoothing, peak shaving and storage of wind energy
- ...

Guest Editors

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Deadline for manuscript submissions

15 October 2025



Energies

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Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/208451

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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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