Special Issue

New Trends in Wind Energy and Wind Turbines

Message from the Guest Editors

This Special Issue seeks to highlight the most recent advances related to the theory, design, modelling, application, control, and condition monitoring of wind energy systems and wind turbines. We invite high-quality, original research articles and comprehensive review papers that contribute to the understanding and progression of wind energy technologies. The scope of this Special Issue encompasses innovations across the entire wind energy value chain, from fundamental research to practical applications and operational improvements. Topics of interest for publication include, but are not limited to:

- Advanced Wind Turbine Design;
- Offshore Wind Energy Systems;
- Wind Energy Conversion Systems;
- Smart Grid Integration and Hybrid Systems;
- Operation, Maintenance, and Reliability;
- Wind Resource Assessment and Forecasting;
- Environmental and Socio-economic Aspects;
- Small-Scale and Distributed Wind Energy.

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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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