Special Issue

Wind Turbines, Wind Farms, and Wind Energy: 2nd Edition

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modeling, application, and control of wind energy converter systems. Topics of interest for publication include but are not limited to:

- Wind power assessment;
- Development of forecasting models;
- Wind turbine design innovations;
- New materials application;
- Machine learning to harvest wind energy;
- Structural dynamics analysis;
- Integration of wind energy in power systems.

Keywords

- wind power
- aerodynamic
- aeroelasticity
- wind turbines
- wind farm
- artificial intelligence
- wind speed and wind power forecasting

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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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