



Wind Turbine Advances in 2023

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect recent and original contributions on advances in wind turbines and wind energy research. Some of the topics included are:

- Advances in the design and control of wind turbines;
- Annual energy production optimization and loss estimation;
- Control strategies for floating wind turbines;
- Costs and life cycle assessment;
- Leading edge erosion and protection;
- Noise control and environmental impact;
- Predictive maintenance and damage detection in wind turbines;
- Vertical-axis wind turbines for offshore wind energy;
- Wind-energy-based systems and simulations;
- Wind inflow modeling, prediction, and measurement;
- Wind farm layout and control;
- Wind resource assessment;
- Wind turbine aerodynamics and aeroelasticity.





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Message from the Editor-in-Chief

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