



Challenges and Perspectives of Wind Energy Technology

Guest Editor:

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Message from the Guest Editor

The Special Issue will publish the new contributions in wind-energy-related areas of engineering, environmental science, economic analysis, and policy impacts. The main readers will include those in academia, research institutions, industrial sectors, and policy makers.

Topics of interest include, but are not limited to, the following:

- Forecast of wind and wind power;
- Wind turbine technologies, including turbine rotors, structural, mechanical, and electrical systems, and relevant aspects;
- Wind turbine operation and control;
- Wind power plant and grid integration;
- Offshore wind power;
- Wind energy utilization in energy and other systems, such as Wind Power-X;
- Wind power in the energy market and economics;
- Condition monitoring, maintenance, and reliability of wind power systems;
- Environmental and socio-economic aspects of wind power technology.





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Message from the Editor-in-Chief

Wind, as an open access journal, is dedicated to disseminating rigorously peer-reviewed publications to advance knowledge and technology in wind-energy related areas. The journal brings many opportunities for actively spreading novel concepts and advancements in multi-disciplinary wind technology and related issues by covering the wind-related scientific and engineering aspects, including but not limited to meteorology, materials, and civil, mechanical, and electrical engineering, as well as the related subjects, such as wind-energy related economics, and social and environmental topics.

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