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Challenges and Perspectives of Wind Energy Technology

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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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Special Issue



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Message from the Editor-in-Chief

Wind is an open access journal dedicated to disseminating rigorously peer-reviewed publications to advance knowledge and technology in wind research-related areas such as wind engineering, wind energy and wind environment. The journal brings new opportunities for actively disseminating fresh, innovative and multidisciplinary wind-related concepts and applications. It covers aspects related but not limited to meteorology; civil, mechanical, aeronautical and electrical engineering; risk analysis and economic, social and environmental impacts.

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