



## Wind Energy for Sustainable Development: Driving Factors and Future Outlook

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### Message from the Guest Editors

Dear Colleagues,

Wind and other renewable energy sources are viable and clean alternatives to fossil fuels. Low operating costs and widespread availability make wind one of the most beneficial and efficient renewable energy sources. This Special Issue will highlight the use of wind power and the importance of improving energy efficiency as key elements in achieving an economically and ecologically sustainable energy future.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Future prospects for innovative technologies in wind power generation;
- Key elements driving the development of wind power;
- Renewable energy integration in microgrids;
- Distributed energy generation;
- Wind power prediction;
- Application of energy storage system in wind power;
- Application of data analysis in wind power systems;
- Integration of wind power with regional and microgrids;
- Application of advanced technology in wind power generation system;
- The impact of wind power on the grid.





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## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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