# **Special Issue**

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

### Message from the Guest Editors

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.

We look forward to receiving your contributions

### **Guest Editors**

Prof. Dr. Jiangi An

School of Automation, China University of Geosciences, Wuhan 430074, China

Dr. Min Ding

School of Automation, China University of Geosciences, Wuhan 430074. China

### Deadline for manuscript submissions

closed (2 November 2023)



## **Sustainability**

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/168044

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





### Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



## **About the Journal**

### 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

#### **Author Benefits**

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

