



## Progress in Sustainable Wind and Hydro Power Systems

Guest Editors:

**Prof. Dr. Codruta Jaliu**

Renewable Energy Systems and  
Recycling Research Centre,  
Transilvania University of Brasov,  
Braşov, Romania

**Prof. Dr. Mircea Neagoe**

Renewable Energy Systems and  
Recycling Research Centre,  
Transilvania University of Brasov,  
500036 Brasov, Romania

**Prof. Dr. Radu Săulescu**

Design of Mechanical Elements  
and Systems R&D Centre,  
Transilvania University of Brasov,  
500036 Brasov, Romania

### Message from the Guest Editors

This Special Issue aims to gather new research results in the field of wind and hydropower systems, covering a broad range of topics including, but not limited to:

- Wind and hydro energy potential and forecasting;
- Innovative design and optimization of wind and hydropower systems;
- Modeling and numerical simulation of wind and hydropower systems;
- Intelligent control of wind and hydropower systems;
- Efficiency of wind and hydro energy conversion;
- Reliability and maintenance of wind and hydropower systems;
- Energy management.

Deadline for manuscript  
submissions:

**23 December 2024**





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## 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.

## 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)