

Special Issue

Control of Wind and Water Turbines

Message from the Guest Editor

This Special Issue on Control of Wind and Water Turbines will showcase papers that examine the application of modern optimal, robust, adaptive and nonlinear control to the regulation and tracking of the power generated, turbine rotation rate, stress and other factors important to turbine operation. The industrial and experimental implementations of controllers in operational turbines are particularly invited, but all applications of feedback control to problems associated with electrical power generation in wind and water turbines will be considered. **Keywords:**

- wind turbines
- water turbines
- feedback control
- optimal control
- robust control

Guest Editor

Prof. Dr. Jeff Pieper

Department of Mechanical and Manufacturing Engineering, University of Calgary, Calgary, AB, Canada

Deadline for manuscript submissions

closed (22 November 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/136970

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)