Special Issue

Advances in Performance Evaluation for the Wind Power Generators

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to performance evaluation for wind power generators. Topics of interest for publication include, but are not limited to, the following:

- Design and simulation techniques for wind power generators;
- Electromagnetic performance evaluation of generators;
- Mechanical performance evaluation of generators;
- Thermal performance evaluation of generators;
- Optimal design methodologies for wind power generators;
- Advanced evaluation methodologies for wind power generators;
- Grid integration studies for wind power generators;
- Reliability and maintenance for wind power generators;
- Artificial intelligence and machine learning studies for evaluating the performance of wind power generators;
- Digital twin for wind power generators;
- Output power forecasting for wind power generators.

Guest Editors

Dr. Byeong-Soo Go

Department of Electrical Engineering, Changwon National University, Changwon 51140, Republic of Korea

Dr. Seok-Ju Lee

Department of Electrical Engineering, Changwon National University, Changwon 51140, Republic of Korea

Deadline for manuscript submissions

closed (5 September 2025)

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)