



energies



an Open Access Journal by MDPI

Advances in Numerical Weather Prediction Modelling to Improve Wind Resource and Wind Energy Production Assessment

Guest Editor:

Dr. Giovanni Gualtieri

National Research Council,
Institute of Biometeorology
(CNR-IBIMET), Via Caproni 8,
50145 Firenze, Italy

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will bridge the knowledge gap between numerical weather prediction modelers (atmosphere physicists, meteorologists, environment experts) and wind farm developers (engineers, investors, and power utilities), who often have very different backgrounds. It is also hoped that this Special Issue will attract valuable review articles that describe the current state of the art and possibly draw future research areas that need to be addressed.

Dr. Giovanni Gualtieri

Guest Editor



mdpi.com/si/80845

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)