



energies



an Open Access Journal by MDPI

Renewable Energy Resource Assessment and Forecasting

Guest Editor:

Prof. Dr. George Galanis

Mathematical Modeling and
Applications Laboratory, Hellenic
Naval Academy, Piraeus, Greece

Deadline for manuscript
submissions:

closed (31 May 2020)

Message from the Guest Editor

Dear Colleagues,

The last years several projects have been launched towards the development and use of new methodologies in order to assess, monitor, and support clean energy. The accurate estimation of the available energy potential is important but is not always easy to achieve.

The Special Issue on Renewable Energy Resource Assessment and Forecasting aims to provide a holistic approach to the above issues by presenting multidisciplinary methodologies and tools that are able to support research projects and meet today's technical, socio-economic, and decision-making needs.

In particular, research papers, reviews, and case studies on the following subjects are invited:

- Wind, wave, and solar energy resource assessment, monitoring, and forecasting
- Resource assessment of combined renewable energy forms
- Remote sensing for renewable energy assessment
- Numerical models for renewable energy forecasting
- Resource analysis tools and statistical models
- Renewable energy transformation and integration technologies
- Risk analysis and quantification of the uncertainty of renewables
- Extreme value analysis and forecasting for renewable energy resources



mdpi.com/si/20719

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://twitter.com/energies_mdpi)