Special Issue

Future Maintenance Management in Renewable Energies

Message from the Guest Editor

Renewable energies must offer new perspectives for the replacement of long-term fuels. However, renewable energy sources, unlike fossil energies, are present as an energy flow rather than reserves. This particularity leads to the need for optimal and intelligent management of renewable resources. The management of this energy faces several problems: Obtaining this energy is often intermittent and entails a degradation of the facilities or machinery. In addition, it needs continuous repairs and labor to ensure that the operation is as optimal as possible considering multiple factors, such as forecasting, weather, fault detection, condition monitoring, electricity demand, etc. This Special Issue focuses on the analysis of the most innovative maintenance management systems and contemplates proposals for an immediate future to implement more efficient systems than the current ones. New models, approaches, and cases studies are intended to be considered in this Special Issue, which will seek to reduce operation and maintenance costs and increase the productivity and competitiveness of renewable energy plants.

Guest Editor

Prof. Dr. Carlos Quiterio Gómez Muñoz
Ingenium Research Group, Department of Business Management, University of Castilla-La Mancha, 13071 Ciudad Real, Spain

Deadline for manuscript submissions

closed (31 January 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/32795

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

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)

MDPI