

Special Issue

Maintenance Management Applied to Renewable Energies

Message from the Guest Editor

Adequate maintenance management is essential to improve the efficiency and reliability of renewable energy-generating systems. The condition monitoring of these systems together with advanced mathematical and statistical tools allow us to study the state of the elements, predict future failures, identify failures and establish the best maintenance approaches that make renewable energies more efficient and competitive. Topics of interest for publication include, but are not limited to:

- Maintenance management;
- Smart maintenance;
- Reliability analysis;
- Failure modes and effect analysis;
- Analysis and modelling of deterioration processes;
- In-depth analysis and comparison of case studies;
- Optimization methods for maintenance;
- Maintenance logistics;
- Maintenance task scheduling;
- Maintenance policies;
- Techno-economic analysis for maintenance approaches;
- Maintenance management of renewable energy storage systems;
- Control and maintenance of hybrid generating systems.

Guest Editor

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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.

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