



Maintenance Management Applied to Renewable Energies

Guest Editor:

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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.





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Message from the Editor-in-Chief

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