Special Issue

Control and Monitoring of Renewable Energy Power Systems

Message from the Guest Editors

Monitoring and control of renewable energy production systems (e.g., microhydroturbines, wind power plants, photovoltaic power plants, fuel cells, geothermal) is important and widely used to streamline electricity production. Remote monitoring of renewable energy power systems has the purpose to reduce the response time in the maintenance and troubleshooting process, as well as increase the optimization of the controlled systems. Therefore, monitoring and control of those systems are essential to ensure operational safety and performance. We are looking for original papers on innovative contributions, based on the (non-exclusive) following topics:

- Development of resource assessment techniques, modeling, control algorithms;
- Environmental sustainability of energy systems;
- Concept innovations systems: design, installation, operation, performance, optimization, and control;
- Operations and maintenance: reliability, maintainability, predictive maintenance, economics;
- Condition monitoring, early diagnosis;
- Artificial intelligence.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2022)

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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

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