Special Issue

Utilization of Fault Diagnosis for Renewable and Sustainable Energies

Message from the Guest Editor

This Special Issue focuses on the use artificial intelligence and smart energy systems, with a specific focus on fault diagnosis in the context of renewable and sustainable energy sources. The aims and topics of interest for publication include, but are not limited to the below:

- AI Applications in Fault Diagnosis: Investigation of the application of AI techniques such as machine learning, deep learning, and data analytics for fault diagnosis in renewable energy systems.
- Smart Energy Systems: Exploration of the integration of AI into smart energy systems to enhance fault detection, localization, and mitigation strategies.
- Sustainability: Emphasizing the role of fault diagnosis in the promoting sustainability by optimizing the performance and lifespan of renewable energy assets.
- Interdisciplinary Perspectives: Encouraging contributions from researchers and practitioners working at the intersection of AI, energy engineering, and sustainability.

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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