



## Utilization of Fault Diagnosis for Renewable and Sustainable Energies

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Deadline for manuscript  
submissions:

**15 October 2024**

### Message from the Guest Editor

Dear Colleagues,

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.



Dr. Marcel Luzar

*Guest Editor*



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## Message from the Editor-in-Chief

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