Special Issue

New Insights into Decision Making Methods for Renewable Energy Investments

Message from the Guest Editors

This Special Issue aims to bring together recent advances in decision-making methods applied to renewable energy investments. We welcome contributions that develop, apply, or critically assess decision-making tools and methodologies—such as multi-criteria decision analysis (MCDA), real options analysis, machine learning, optimization techniques, stochastic modelling, and other hybrid or novel approaches. Potential topics include, but are not limited to the following:

- Multi-criteria and multi-objective decision-making in renewable energy planning and investment;
- Risk and uncertainty modelling in investment decisions;
- Decision support systems and computational tools for renewable project evaluation;
- Integration of techno-economic, environmental, and social criteria in investment appraisal;
- Comparative analysis of decision-making methods in the context of renewables;
- Applications of artificial intelligence and machine learning in energy investment decisions;
- Policy implications of decision-making frameworks for renewable energy.

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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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