



Renewable Energy and Energy Systems: New Concept, Design, and Optimization

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Message from the Guest Editors

With the rapid increase in global energy consumption and environmental pollution, renewable energy systems have received much attention recently due to their environmental and economic benefits. Many researchers have been conducting experimental and theoretical studies on various technologies such as solar thermal collector, photovoltaics, wind turbine, and so on. Additionally, governments and utility companies worldwide have proposed a large number of incentive policies to promote the implementation of renewable energy systems in the real applications.

This Special Issue aims to investigate renewable energy systems from different aspects, including new concepts, novel designs, design and performance optimizations, and potential applications. Topics include but are not limited to:

New concepts of renewable energy systems

Novel design of renewable energy systems

Innovative application of renewable energy sources

Renewable energy systems optimization

Techno-economic analysis of renewable energy systems

Distributed energy systems using renewable energy sources

Smart and/or off-grid renewable energy systems for building applications

Energy policies on renewable energy systems





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