



## Renewable Energy Systems and Energy Conservation: Efficiency, Optimization and Sustainable Solutions

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Deadline for manuscript  
submissions:

**closed (15 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

Reducing the use of fossil fuels and their related emissions can be achieved by increasing the utilization of renewable energy and improving the efficiency of existing energy utilization technologies. From a system point of view, rational integration of energy in different forms and efficient operation control are the focus of research. From a component point of view, improving heat transfer and its operation efficiency is the research goal. The optimization of components and systems toward more sustainable and environmentally friendly solutions, under economical and technical constraints, will be the research direction of energy systems. The research topic of the above scientific issues needs to explore the methods and different approaches of energy system integration, using high-efficiency energy technologies and advanced optimization methods.

To address the related challenges, this Special Issue aims to provide a venue for academic and industry professionals to disseminate their research findings to discuss and explore future energy system solutions on emerging areas and to describe the possibility of interdisciplinary-based energy system applications.





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## Message from the Editor-in-Chief

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