



Design Optimization and Optimal Control of Renewable Energy Systems

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Deadline for manuscript submissions:

closed (31 July 2020)

Message from the Guest Editors

The interest in harnessing renewable energy resources is continuously growing, spanning from electricity generation to industrial solutions and from large central installations to agile distributed units. One of the main concerns in the design of systems that utilize renewable energy sources is the intermittent character of the resource availability. This depends on the type of resources and the employed technology, while often multiple resources and technologies are integrated together and need to perform in a well-balanced manner.

This Special Issue solicits papers addressing the whole spectrum of design and control of renewable energy systems throughout all temporal, spatial, and development scales. The aim is to offer the state-of-the-art of the most advanced techniques, new theoretical concepts, tested and verified methods, and their applications in solar, hydro, wind, biomass and ocean energies. Potential topics include (but are not limited to): Central and Distributed Renewable Energy Systems; Solar, Hydro, Wind, Biomass, and Ocean Energies; Autonomous and Integrated Systems; Numerical and Experimental Methods; Power Generation; Energy Conversion and Storage





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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