Special Issue

Design and Optimization of Renewable Energy Systems

Message from the Guest Editor

The Special Issue aims to cover topics and areas where optimization techniques have been applied to reduce uncertainty or improve results in renewable energy systems (RESs). The scope of this Special Issue includes solar energy, wind energy, hybrid systems, biofuels, energy management and efficiency, optimization of renewable energy systems, and other areas of application. The results will provide potential tools for design, analysis, performance improvement, and reduction of greenhouse gas emissions. The physical and technical principles of promising ways of utilizing renewable energy will be described and reviewed. Examples, engineering applications, and case studies to put theory into practice will also be included in this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2022)



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Editor-in-Chief

Prof. Dr. Marc A. Rosen Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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