Special Issue

Optimal Design, Control and Simulation of Energy Management Systems

Message from the Guest Editors

Energy management systems (EMSs) have become critical in modern power grids and industrial applications due to the increasing complexity of energy production, distribution, and consumption. As the world shifts toward sustainable energy solutions, the optimal design, control, and simulation of EMSs are paramount to ensuring efficiency, stability, and flexibility in managing diverse energy resources.

This Special Issue entitled "Optimal Design, Control and Simulation of Energy Management Systems" seeks to showcase cutting-edge research focused on the development and improvement of EMSs. The aim is to bring together the latest advances in the design, control algorithms, and simulation techniques that optimize energy use across various sectors, such as power grids, renewable energy integration, smart buildings, and industrial processes.

Guest Editors

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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