





an Open Access Journal by MDPI

Modeling, Design and Engineering Optimization of Energy Systems

Guest Editors:

Dr. Yamin Yan

Dr. Qi Liao

Dr. Jie Yan

Dr. Haoran Zhang

Dr. Wanshui Yu

Deadline for manuscript submissions:

26 July 2024

Message from the Guest Editors

This Special Issue aims to collect innovative research on state-of-the-art energy system modeling, design optimization, and engineering optimization technologies to support the sustainable development of integrated energy systems. We welcome articles and reviews focused on, but not limited to, the following topics:

- Design optimization and engineering optimization in energy systems considering various uncertain factors;
- Energy system modeling considering data privacy protection;
- Energy system modeling and design optimization considering flexibility and fairness;
- Trading strategies for multisource heterogeneous energy systems;
- Techno-economic and environmental analysis of heterogeneous energy systems;
- Intelligent solutions for resilient energy systems.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus,

SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

Contact Us