

Special Issue

Energy Management and Optimization of Heat and Mass Transfer Processes

Message from the Guest Editors

Heat and mass transfer play a major role in the advancement of the power industry, desalination, and nano-technology. This Special Issue, entitled "Energy Management and Optimization of Heat and Mass Transfer Processes", aims to present cutting-edge research on the efficient control and optimization strategies for energy utilization in various thermal and fluid systems. It will cover innovative methods for enhancing energy efficiency, reducing environmental impact, and improving the performance of heat and mass transfer processes across different industries. Contributions from multidisciplinary approaches, including experimental, theoretical, and computational studies, are welcome to address these challenges and drive sustainable technological advancements. The contributions should be original and should have industrial applications.

Guest Editors

Dr. Abdullah Abbas Kendoush

Department of Nuclear Engineering Technology, Augusta Technical College, Augusta, GA, USA

Dr. Hameed B. Mahood

Department of Chemical Engineering, University of Birmingham, Birmingham B152TT, UK

Deadline for manuscript submissions

closed (20 December 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 8.3



mdpi.com/si/206690

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 8.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)