

## Special Issue

# Efficient and Sustainable Heating and Cooling Systems

### Message from the Guest Editor

The Special Issue on "Efficient and Sustainable Heating and Cooling Systems" aims to explore and showcase cutting-edge research and advancements in energy-efficient and sustainable heating and cooling technologies. This issue invites contributions from researchers, experts, and practitioners working on various aspects related to the design, development, implementation, and optimization of heating and cooling systems that prioritize efficiency, environmental friendliness, and long-term sustainability. Researchers and practitioners are encouraged to submit original research articles, reviews, and conceptual papers that address the challenges and opportunities associated with efficient and sustainable heating and cooling systems. The Special Issue seeks to stimulate interdisciplinary discussions and collaborations among researchers, engineers, policymakers, and industry professionals to accelerate the transition towards a greener and more sustainable future.

### Guest Editor

Prof. Dr. Ahmed M. Hamed

Professor, Mechanical Power Department, Faculty of Engineering,  
Mansoura University, Mansoura, Egypt

### Deadline for manuscript submissions

closed (31 August 2024)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5

---



[mdpi.com/si/176724](https://mdpi.com/si/176724)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

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





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



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



## About the Journal

### 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

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, 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, Inspec, AGRIS, and other databases.

#### Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))