

## Special Issue

# Sustainable and Intelligent Energy Systems and Processes: Recent Advances and Challenges (2nd Edition)

### Message from the Guest Editors

This is the second edition of the Special Issue entitled "Sustainable and Intelligent Energy Systems and Processes: Recent Advances and Challenges". In the first edition, we published 13 articles. It was very successful. You are welcome to read the published papers here: [https://www.mdpi.com/journal/processes/special\\_issues/P7PQ04XN6X](https://www.mdpi.com/journal/processes/special_issues/P7PQ04XN6X)

Original research papers, reviews, case studies, and technical notes relevant to the scope of this Special Issue include, but are not limited to, the following topics:

- Integration of renewable energy sources;
- Solar and wind energy technology and applications;
- Hybrid renewable energy systems;
- Grid stability;
- Power quality in microgrids;
- Power electronics in renewable energy systems and smart grids;
- Modeling of energy systems and processes;
- Policy issues related to sustainability;
- Energy conversion and storage technologies;
- System reliability and resilience;
- Techno-economic and energy/exergy analyses;
- Edge computing in smart grid and other applications;
- Artificial intelligence applications in smart grids;
- Increasing energy efficiency in industrial motor drives.

### Guest Editors

Prof. Dr. Mateo Bašić

Dr. Marko Vekić

Dr. Ivan Grgić

### Deadline for manuscript submissions

30 May 2026



## Processes

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/219708](https://www.mdpi.com/si/219708)

*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://www.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))