



Sustainable and Intelligent Energy Systems and Processes: Recent Advances and Challenges

Guest Editors:

Dr. Mateo Bašić

Department of Power
Engineering - Faculty of Electrical
Engineering, Mechanical
Engineering and Naval
Architecture, University of Split,
Rudjera Boskovic 32, HR-21000
Split, Croatia

Dr. Dejan Jokić

Department of Electrical and
Electronics Engineering,
International Burch University,
Francuske Revolucije bb, Ilidža,
71210 Sarajevo, Bosnia and
Herzegovina

Deadline for manuscript
submissions:

25 August 2024

Message from the Guest Editors

Future energy systems are expected to include many different types of energy storage technology and renewable sources of energy. The availability of renewable resources, in particular, has a significant impact on economic growth potential. We would like to invite you to submit 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 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 grids and other applications;
- Artificial intelligence applications in smart grids;
- PLC and SCADA systems;
- Increasing energy efficiency in industrial motor drives.





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

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)