

## Special Issue

# Energy and Green Technology

### Message from the Guest Editors

Energy and green technology advancement has been one of the most important fields of study in recent years due to high energy demand, an increase in population and environmental issues related to using fossil fuels. As such, there is a need for an integrated system for product manufacturing to achieve a green, resource-efficient and low-carbon economy. Green hydrogen production; carbon capture and utilisation; gasification and pyrolysis of biomass and different feedstocks; and renewable and sustainable energies such as solar, geothermal, and wind are subjects that have attracted much attention from scholars. The application of MOFs as storage media and batteries to save produced energy is another area of study. This Special Issue on “Energy and Green Technologies” seeks high-quality works focusing on the latest relevant studies. Topics include, but are not limited to:

- Carbon capture, utilisation and storage (CCUS);
- Green technology to produce renewable fuels such as methanol and hydrogen;
- Energy conversion and storage technologies such as SOFC and batteries;
- Zero-emissions technologies.

### Guest Editors

Dr. Tohid N. Borhani

Dr. Fideline Tchuente-Magaia

Dr. Amin Mahmoudzadeh Andwari

### Deadline for manuscript submissions

closed (20 November 2022)



## Processes

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/115034](https://mdpi.com/si/115034)

*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))