

## Special Issue

# Green Conversion Processes of Waste and Biomass Materials

### Message from the Guest Editors

Recent advancements have successfully transformed waste biomass into innovative, multifunctional products. By utilizing green conversion methods, such as biological and thermochemical processes, we are effectively turning waste into valuable resources with a wide range of applications. This approach not only addresses waste management challenges but also contributes to sustainable development. This Special Issue on “Green Conversion Processes of Waste and Biomass Materials” seeks high-quality works focusing on promote the recycling of solid waste through the conversion of waste and biomass to new and useful products. Topics include, but are not limited to, methods and/or applications in the following areas:

- Biological conversion of waste and biomass (e.g., anaerobic digestion, fermentation);
- Thermochemical processes (e.g., hydrothermal carbonization, pyrolysis);
- Other processes that include environmentally friendly approaches;
- Characterization and/or utilization of new products obtained from green conversion processes.

We hope you consider participating in this Special Issue.

---

### Guest Editors

Dr. Marija Koprivica

Dr. Jelena Petrović

Dr. Marija Simić

---

### Deadline for manuscript submissions

31 December 2025



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/220315](https://mdpi.com/si/220315)

*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))