

## Special Issue

# Waste-to-Energy Challenges for the Valorization of Industrial Wastes

### Message from the Guest Editor

This Special Issue on *waste-to-energy challenges for the valorization of industrial wastes* highlights the current trends and future perspectives for waste valorization and resource recovery. Potential topics include but are not limited to the following:

- Biological wastewater treatment;
- Anaerobic digestion;
- Microbial electrochemical technologies;
- Production of biochemicals, bioenergy and bioproducts from various waste;
- Nanobiotechnology;
- Biomass conversion into renewable fuels;
- Soil Bioremediation;
- Solid waste management;
- Biorefinery;
- Sustainable processes for waste management;

---

### Guest Editor

Dr. Basem S. Zakaria

Civil and Environmental Engineering, University of Alberta, Edmonton, AB T6G 1H9, Canada

---

### Deadline for manuscript submissions

closed (31 August 2023)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/119012](https://mdpi.com/si/119012)

*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))