

## Special Issue

# Sustainable Development of Waste towards Green Growth

### Message from the Guest Editors

Various research strategies have been investigated (a few of which have been implemented) for the conversion of municipal and industrial low-value substrates (sidestreams, residuals, and wastes) into a range of value-added products. This has been in line with global awareness of the need for a paradigm shift from an unbalanced linear economy to a circular bioeconomy to attain green growth. Its success is dependent on the increased rate at which the nutrients present in low-value substrates are recovered in the form of, for example, biofuels, biochemicals, and feed and food that society needs. This Special Issue aims to gather recent cutting-edge research approaches towards the valorization of low-value substrates, including:

- Biological (aerobic and anaerobic methods) and energy-recovery (e.g., gasification, pyrolysis) strategies;
- Strategy integration towards a wide range of value-added products, energy efficiency, etc.;
- Techno-economic analysis and life-cycle assessment of potential valorization processes.

---

### Guest Editors

Dr. Jorge A. Ferreira

Prof. Dr. Tobias Richards

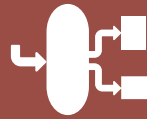
Prof. Dr. Timo Kikas

Prof. Dr. Jorge Mario Marchetti

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/41977](https://mdpi.com/si/41977)

*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))