

Agricultural and Industrial Waste Recovery Technology and Process Optimization

Guest Editor:

Dr. Margherita Pettinato

Department of Civil Chemical
and Environmental Engineering,
University of Genoa, 16145
Genoa, Italy

Deadline for manuscript
submissions:

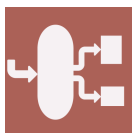
closed (30 June 2025)

Message from the Guest Editor

The management of waste and by-products from industrial and agri-food supply chains requires innovative solutions to guarantee sustainability. Research on the effective exploitation of such waste is often related to the complex composition, high level of moisture, tendency to degrade easily, and thermosensitivity of the contained compounds, which require pretreatment, technical and economic issues, the revision of plant and equipment design, and process optimization. This Special Issue on “Agricultural and Industrial Wastes Recovery Technology and Processes Optimization” includes, but is not limited to, the following topics:

- Design, optimization, safety aspects, and economics of the waste valorization process.
- Methodologies and optimization of techniques, equipment and plants, as well as pre-treatment and downstream processes aimed at reducing the environmental impact and improving yields for the recovery of high-added-value compounds from waste and conversion into energy.
- Development of new materials and products.
- Industrial solutions and applicative case studies.





processes



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

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes*. *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.

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))

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
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)