Special Issue

High-Value Products from Biomass and Wastes

Message from the Guest Editor

The sustainable use of biomass and waste to create products is a strategy that addresses both environmental conservation and the transition towards a biobased economy. This strategy is especially important in today's context, where reducing waste and using resources efficiently are priorities. This Special Issue. titled "High-Value Products from Biomass and Wastes", aims to provide a platform for showcasing and sharing groundbreaking research and advancements in biomass conversion and waste utilisation. Biomass, which refers to materials like agricultural residues, forestry wastes, and dedicated energy crops, offers significant potential. Additionally, various types of waste such as waste, agricultural byproducts, and industrial residuals present valuable opportunities for conversion into useful products. It is crucial to explore these materials for the production of high-value products like biofuels, biopolymers, and biochemicals in order to expand our resource pool while reducing our reliance on renewable resources. This Special Issue welcomes contributions that highlight methodologies, advancements, and comprehensive reviews on biomass utilisation and waste conversion.

Guest Editor

Dr. Sharif Zein School of Engineering, Faculty of Science and Engineering, University of Hull, Kingston Upon Hull HU6 7RX, UK

Deadline for manuscript submissions

closed (30 June 2025)



Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



mdpi.com/si/189447

Processes Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 processes@mdpi.com

mdpi.com/journal/

processes





Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



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))