



an Open Access Journal by MDPI

# Thermochemical Conversion of Agricultural and Food Processing Waste

Guest Editors:

### Dr. Zorica Lopičić

Institute for Technology of Nuclear and Other Mineral Raw Materials (ITNMS), 86 Franchet d'Esperey Boulevard, 11000 Belgrade, Serbia

#### Prof. Dr. Mirjana Kijevcanin

Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

#### Dr. Tatjana Šoštarić

Institute for Technology of Nuclear and Other Mineral Raw Materials (ITNMS), 86 Franchet d'Esperey Boulevard, 11000 Belgrade, Serbia

Deadline for manuscript submissions: 15 September 2024

### **Message from the Guest Editors**

The scope of this Special Issue is to collect and present new findings in the development of carbonaceous materials from agricultural and food processing wastes, which are obtained via thermochemical conversion of raw waste biomass. The focus of these findings is related to thermochemical techniques such as torrefaction, pyrolysis, hydrothermal carbonization, steam explosion, etc. used to synthesize and functionalize the carbonaceous materials along with detailed description of the chemical and functional characterization induced by this conversion.

The Special Issue, "Thermochemical Conversion of Agricultural and Food Processing Waste", aims to gather contributions that deal with the following topics:

- Sustainable development;
- Environmental protection;
- Circular economy;
- Waste management;
- Renewable energy;
- Green chemicals.









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* (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.

# **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:** JCR - Q2 (*Engineering, Chemical*) / 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