



## Biosustainability and Waste Valorization

Guest Editors:

**Prof. Dr. Maria Nazaré Coelho  
Marques Pinheiro**

Department of Chemical and  
Biological Engineering, Coimbra  
Institute of Engineering,  
Polytechnic Institute of Coimbra,  
Rua Pedro Nunes 3045-093  
Coimbra, Portugal

**Dr. Lyudmyla Symochko**

1. Department of Life Sciences,  
University of Coimbra, CC Martim  
de Freitas, 3000-456 Coimbra,  
Portugal  
2. Faculty of Biology, Uzhhorod  
National University, 88000  
Uzhhorod, Ukraine

### Message from the Guest Editors

Sustainable development and quality of life associated with less consumption of bioresources must be the new paradigm. Good practices such as the recycling and valorization of bioproducts and waste are essential to the circularity of the bioresource economy. It is crucial that the challenges of consciousness development toward sustainability are based on concerted actions to safeguard bioresources. The implementation of green chemistry approaches in industry and agriculture will allow to reduce their negative impact on the environment and promote sustainable development. Biodiversity preservation and the management of ecosystems, the responsible production and consumption of food, energy, and water, and the adoption of sustainable agricultural, forest, and marine activities are some fundamental actions to reach sustainable development goals.

Deadline for manuscript  
submissions:

**31 December 2024**





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI