



## The Efficiency of Biochar and Bioslurry toward Sustainable Agriculture and Circular Economy

Guest Editors:

**Dr. Keiji Jindo**

Agrosystems Research,  
Wageningen University &  
Research, P.O. Box 16, 6700 AA  
Wageningen, The Netherlands

**Mr. Hans Langeveld**

Biomass research, 6702 AA  
Wageningen, The Netherlands

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

Biochar is used for carbon sequestration, reduction of greenhouse-gas emissions and removal of heavy metals. Bioslurry (or digestate) is a liquid organic fertilizer, that can be used to enhance soil structure, provide valuable nutrients in practical ratios and support livestock diets while killing harmful micro-organisms. Together, biochar and bioslurry can play an important role in the development and deployment of effective carbon-negative routes in food as well as energy production. To date, however, information regarding the beneficial roles of the biochar and bioslurry still is quite limited and pitfalls of their uses within the framework of the circular economy across different sectors (agriculture, industry, energy, hydrology, etc.) need further attention.





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](#), [RePEc](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

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

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
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