

## Special Issue

# Environmental Sustainability Assessment of Crop-Livestock Production System

### Message from the Guest Editor

The crop-livestock production system is one of the main contributors to climate change, biodiversity loss and environmental degradation. In order for the crop-livestock production system to best plan for sustainable growth, environmental assessment of their current state and evaluation of mitigation strategies are essential. This Special Issue welcomes papers covering the research associated with assessing and improving the environmental sustainability of crop-livestock production systems. Preference is given to research papers focusing on methods to evaluate the environmental sustainability of crop-livestock production system, mitigation strategies, alternative production practices, management technologies, and their potential benefits. Related topics, such as environmental assessment of organic production system, regionalized life cycle assessment of crop-livestock products, environmental assessment of agricultural land-use change, and carbon sequestration associated with crop-livestock production systems will be covered, as well. The editor encourages the submission of original research and review papers that address the issues raised above.

### Guest Editor

Dr. Mohammad Davoud Heidari

Food Systems PRISM Lab, University of British Columbia - Okanagan,  
Kelowna V1V 1V7, Canada

### Deadline for manuscript submissions

closed (31 December 2021)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/49838](https://mdpi.com/si/49838)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



## About the Journal

### 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.

---

### 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

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)