

## Special Issue

# Environmental Impact Assessment of Sustainable Agriculture: Enhancing Soil Fertility and Crop Production

### Message from the Guest Editor

Agricultural production is the main source of food supply worldwide. Besides this key role, it is often regarded as being responsible for decreasing soil fertility and agroecosystem biodiversity. Moreover, changes and extreme events in the world's climate intensify the impact of agricultural practices on the environment, from field to regional scales. In this context, many field experiments and modeling analyses are carried out to identify optimized agricultural management practices for enhancing crop production and concurrently reducing environmental impacts. This Special Issue is seeking new research, review, and opinion articles dealing with aspects related to agricultural sustainability, such as soil organic carbon sequestration, water and nutrient use efficiency, climate adaptation, weed and pest control, edaphic biodiversity, surface and groundwater pollution, and greenhouse gas emissions. Contributions will be subject to rigorous peer review and, thereafter, the novel research results and applications will be rapidly and widely dissemination.

### Guest Editor

Dr. Alessia Perego

Department of Agricultural and Environmental Sciences, University of Milan, 20133 Milano, MI, Italy

### Deadline for manuscript submissions

closed (31 October 2021)



**Sustainability**

an Open Access Journal  
by MDPI

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



[mdpi.com/si/42693](https://mdpi.com/si/42693)

*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)