

## Special Issue

# Sustainable Agriculture: Soil Fertility and Nutrient Management

### Message from the Guest Editors

Sustainable agriculture comprises with the production of high and stable food and feed, adapting under various environmental stresses while maintaining soil health, lowering nutrient losses, and protecting the environment. In this Special Issue we are aiming to publish the latest novel soil fertility and nutrient management research that contributes to sustainable agriculture. We will focus on soil fertility and nutrient management from both pot and field experiments (field crops and grasslands). We also welcome intensive review and synthesis papers. Research areas may include, but are not limited to, the following:

- Nutrient management in field crops and grasslands;
- Nitrogen and phosphorus cycling;
- Fertilizers (organic inputs, inorganic fertilizers) and bio-fertilizers;
- Greenhouse gas emissions and mitigation strategies;
- Soil fertility management;
- Conservation agriculture;
- Balanced fertilization;
- Nutrient balance;
- Precision agriculture;
- Organic agriculture.

We look forward to receiving your contributions.

---

### Guest Editors

Dr. Khagendra Raj Baral

Agri-Environment Branch, Agri-Food and Biosciences Institute, Belfast BT9 5PX, Northern Ireland, UK

Dr. Yam Kanta Gaihre

International Fertilizer Development Center, P.O. Box 2040, Muscle Shoals, AL 35662, USA

---

### Deadline for manuscript submissions

closed (7 September 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/114733](https://mdpi.com/si/114733)

*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)