



## Plant Nutrition for Environmental and Production Sustainability

Guest Editors:

**Dr. Xiaoyan Tang**

College of Resources, Sichuan  
Agricultural University, Chengdu  
611130, China

**Dr. Usman Irshad**

Department of Environmental  
Sciences, COMSATS University  
Islamabad, Abbottabad Campus  
22060, Pakistan

Deadline for manuscript  
submissions:

**closed (30 April 2023)**

### Message from the Guest Editors

Plant nutrition is a science that fundamentally impacts all aspects of cropping systems, environmental sustainability, and human health and wellbeing. The current Special Issue is a collection of studies that advance our understanding of how sustainable agriculture can enhance nutrient-use efficiency, and explore the underlying mechanisms used to potentially achieve environmental and production sustainability. The current Special Issue will mostly consist of experimental studies complemented by reviews and opinion papers on the topics associated with “root–soil–microbial interaction to enhance nutrient-use efficiency”. In particular, we encourage submissions of experimental papers involving:

An understanding of the plant–soil–microbe interaction under different farming practices; Realistic longer-term, field, or mesocosm studies.

We also encourage submissions of papers that explore the meta-analytic, novel technological, or modeling approaches used to understand enhanced nutrient-use efficiency, soil fertility, and reduced environmental impact.





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, 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