

## Special Issue

# Plant Nutrition, Plant-Soil Relationships and Sustainable Agriculture

### Message from the Guest Editor

Sustainable agriculture is one of the greatest challenges for modern, low-input, low-cost agriculture, aiming also at achieving high nutritional qualitative products.

Sustainable fertilizer sources, such as by-products of the food-industry, animal manures, and different kind of bio-fertilizers enriched with suitable microorganisms are recently used as soil amendments, in order to improve soil fertility and soil physical properties, to decrease chemical fertilizer inputs and to enhance sustainable nutrient management. This Special Issue focuses on the role of innovative fertilizers on sustainable nutrient management in agroecosystems, as well as on the role of sustainable field management practices on the decrease of nutrient losses and improvement of soil fertility. Special emphasis will be paid on the combinational effects, derived from the use of controlled N release fertilizers and/or other innovative soil amendments with sustainable field management practices, on soil fertility and plant nutrition. This Special Issue will include interdisciplinary studies embracing disciplines from soil fertility and microbiology, plant nutrition, and sustainable agriculture.

---

### Guest Editor

Dr. Theocharis Chatzistathis

Hellenic Agricultural Organization (H.A.O.) 'Demeter' (Institute of Soil and Water Resources), Thessaloniki 57001, Greece

---

### Deadline for manuscript submissions

closed (30 September 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/108371](https://mdpi.com/si/108371)

*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)