

Special Issue

Soil Fertility and Plant Nutrition for Sustainable Cropping Systems

Message from the Guest Editors

Sustainable food production faces significant challenges due to climate change, land degradation, and the scarcity of natural resources, thereby presenting a major obstacle for modern agriculture. Enhancing soil fertility and optimizing plant nutrition are crucial steps toward developing more sustainable farming systems that can meet increasing food demands while minimizing negative environmental consequences. While soil fertility deals with the availability and plant uptake of essential nutrients, soil health expands the concept so that it includes physical, chemical, and biological soil parameters and their feedback. Both soil fertility and soil quality (health) are directly related to and dependent on sustainable cropping practices, thus surpassing solely improving crop yields by including a focus on minimizing environmental impacts and accounting for long-term effects. This Special Issue aims to combine interdisciplinary perspectives on emerging concepts, technologies, and practices at the forefront of enhancing soil health, soil quality, nutrient cycling, and crop nutrition in diverse cropping systems.

Guest Editors

Dr. Daniel Menezes-Blackburn

Dr. Bingjie Jin

Dr. Dong-Xing Guan

Deadline for manuscript submissions

10 January 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/201225

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)