



Sustainable Management of Macro and Micronutrients through Biofertilizers for Better Crop Growth and Productivity: Biofertilizers Based Symbiosis and Organic Amendments

Guest Editors:

Dr. Shah Fahad

Dr. Rahul Datta

Dr. Niaz Ahmed

Dr. Tayebbeh Zarei

Dr. Muhammad Adnan

Dr. Shah Saud

Deadline for manuscript
submissions:

closed (30 March 2022)

Message from the Guest Editors

This Special Issue, "Sustainable Management of Macro and Micronutrients through Biofertilizers for Better Crop Growth and Productivity: Biofertilizers based Symbiosis and Organic Amendments," aims to fill the gaps in the scientific literature concerning this crucial area as much as possible, to highlight its importance, and to provide a platform for the dissemination of state-of-the-art advances in this field. Topics include, but are not limited to:

- (1) Soil fertility improvement by biofertilizers and organic amendments;
- (3) Better macro and micronutrients uptake in plants by biofertilizers.
- (4) Use of compost, farmyard manure, biochar and humic substances to improve crop yield
- (5) Combined use of organic amendments and biofertilizers to alleviate nutrients stress.
- (6) Rhizobacteria and mycorrhizae interactions in soil and with plant roots.
- (7) Interaction so heavy metals with macro and micronutrients in soil and crops.
- (8) Drought stress-induced less uptake of nutrients in crops regulated by biofertilizers and organic amendments.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)