

Special Issue

Effects of Fertilization and Agrochemicals on Crop Growth and Soil Environment

Message from the Guest Editors

This Special Issue welcomes original research, reviews, and perspectives on plant nutrition, with a focus on the anatomy, physiology, and genomic response throughout the various stages of growth and development. Studies focusing on the interaction of different nutritional elements are welcomed. The topic also includes the effect of the different macro-/microelements formulated in their nanosize in alleviating both biotic and abiotic stresses such as drought, osmotic stress, heat and cold stress, and pests, and improving plant growth, yield, and quality. Additionally, articles focusing on the effect of different fertilizers/agrochemicals on the content of bioactive components in crops/vegetables are very welcomed. Studies designed to study the effect of different organic, bio-organic, microbial, or inorganic fertilizers, particularly including nanoparticles on plant growth and productivity, under different adverse growth conditions will be considered in this article collection.

Guest Editors

Dr. Nevien Elhawat

Applied Plant Biology Department, University of Debrecen, 4032-Debrecen, Hungary

Dr. Emad Maher Hafez

Department of Agronomy, Faculty of Agriculture, Kafrelsheikh University, Kafr El-Sheikh 33516, Egypt

Deadline for manuscript submissions

closed (20 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/166690

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)