Special Issue

Nano-Farming: Crucial Solutions for the Future

Message from the Guest Editors

Dear Colleagues: Nanotechnology has great applications in all our life including the farming field. Farming and crop production nowadays suffer from many challenges, which including abiotic and biotic stresses. Applied nanoparticles have shown promising potential to support crop growth under multiple stressors in a sustainable way as well as for nano remediation purposes. Nano-fertilizers have emerged as an alternative fertilizer for sustainable agriculture. Nano-remediation also can be used to solve many environmental problems including polluted soil and water. All sustainable approaches for soil health, food security and human health are also needed to be considered. Conservation of the degradation of soil and water in forestry and agroforestry using all available tools including nanomaterials are also important issues. The suing of soil mapping and remote sensing in managing the soil and water are promising tools. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Review, mini-review, original articles and short communication.

Guest Editors

Prof. Dr. Hassan El-Ramady

Dr. József Prokisch

Prof. Dr. Eric C. Brevik

Deadline for manuscript submissions

15 September 2025

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 6.2

mdpi.com/si/165386

Agronomy
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

mdpi.com/journal/agronomy

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 6.2

mdpi.com/journal/agronomy

MDPI

About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)