

Special Issue

Soil Pollution and Remediation in Sustainable Agriculture

Message from the Guest Editor

Soil pollution refers to the presence of a chemical product or substance outside its natural environment and/or in a concentration higher than normal, which has adverse effects on any non-target organism. Currently, there are numerous sources of soil pollution in agricultural activities, such as the use of pesticides (fungicides, insecticides, and herbicides, among others), industrial fertilizers, animal waste, and industrial residues, among others. The main pollutant elements added to the soil with these products are heavy metals, such as arsenic (As), cadmium (Cd), chrome (Cr), copper (Cu), lead (Pb), and zinc (Zn), among others. Even essential heavy metals for plants, such as Cu and Zn, when present in excessive amounts in the soil, inhibit plant development, affect soil biota, and cause the contamination of water sources. Thus, the use of remediation techniques (chemical, physical, and biological, among others) in polluted soils is an important strategy to maintain soil productivity.

Guest Editor

Dr. Cledimar Rogério Lourenzi

Departamento de Engenharia Rural, Universidade Federal de Santa Catarina, Florianópolis, SC, Brazil

Deadline for manuscript submissions

15 February 2026



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/197665

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

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)