



Nutrient Recycling: Reduction in the Application of Mineral Fertilizers by Optimization of the Organic Wastes

Guest Editor:

Dr. Monika Mierzwa-Hersztek

1. Department of Agricultural and Environmental Chemistry, University of Agriculture in Krakow, al. Mickiewicza 21, 31-120 Krakow, Poland

2. Department of Mineralogy, Petrography and Geochemistry, Faculty of Geology, Geophysics and Environmental Protection, AGH University of Science and Technology, al. Mickiewicza 30, 30-059 Krakow, Poland

Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editor

The following are some of the major areas in which papers are solicited:

- Organic fertilization impact on soil fertility and its effect on soil environment and plants
- Comparison of the effect of organic and mineral fertilization on soil quality and yield quality
- Fertilization value of organic materials and organic fertilizers
- Best practices in solid waste collection and recycling—generation and characterization of waste
- Innovative practices in the management of organic fertilisers
- Monitoring of soil pollution with trace elements and organic contaminants
- Reclamation and revitalization of contaminated soils
- Ecotoxicity assessments and ecological risk assessment
- Recycling and reuse
- Treatment (mechanical, biological, chemical, thermal, other)
- Agricultural usefulness of organic fertilizers and waste products enriching soil with organic matter (sludges, industrial composts) and raw materials deacidifying soils (calcium, calcium–magnesium fertilizers)
- An innovative mineral fertilizers with the addition of organic matter





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

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.

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*)

Contact Us

Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)