Special Issue

Soil Fertility Management and Sustainable Agriculture

Message from the Guest Editor

Plant diseases caused by soil-borne pathogens have been recognized worldwide as a crucial factor for agricultural production, and soils have been rapidly degraded under continuous crop systems, due to frequent tillage and intensive cultivation, which may enhance the outbreak of soil-borne diseases.

More attention has been paid recently to the concept of soil health assessment focused on specific soil physicochemical and biological properties and their ability to maintain a range of ecological functions in the appropriate ecosystem, supporting long-term sustainable cropping systems.

The aim of this Special Issue is to show sustainability in soil management, focused on the relation between soil degradation or management and plant soil-borne diseases. The purpose of this research collection is to add information on:

- the underlying mechanisms influencing soil suppressiveness
- the interaction between plant roots and soil microbiota and their influence on soil-borne diseases
- relation of soil degradation and outbreak of disease
- plant disease control by soil amendments

Guest Editor

Prof. Dr. Yuanhua Dong

Institute of Soil Science, Chinese Academy of Sciences, Nanjing 210008, China

Deadline for manuscript submissions

closed (30 March 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/85004

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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)

