

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

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Deadline for manuscript submissions

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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

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