

Special Issue

Soil Microbiomes in the Light of Sustainable Agriculture

Message from the Guest Editors

In this Special Issue, the focus is to explore biological functions and biotic interactions in arable soils important for the sustainable plant growth and to strengthen them through appropriate agricultural management practices. Submitted manuscripts should report on data originating from greenhouse or field studies and should involve the analysis of microbial communities (i.e., bacteria, archaea, fungi, oomycetes, or protists). Submissions considering different microbial kingdoms or microbial interactions with higher organisms are especially encouraged. We welcome high quality original research and review articles addressing, but not limited to, the following topics:

- Effects of different agricultural management practices on soil biodiversity;
- Innovative tools and approaches to study soil biodiversity;
- Multitrophic interactions in agroecosystems;
- Taxonomic or functional modulation of the indigenous soil or plant-associated microbiome;
- Host–parasite/pest interactions;
- Plant-microbial defence strategies in response to pathogens and pests;
- Role of agriculture in the One Health concept.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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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

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