



Soil Microbiomes in the Light of Sustainable Agriculture

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Deadline for manuscript
submissions:
closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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