

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

Dr. Olivera Topalović

Section of Terrestrial Ecology, Department of Biology, University of Copenhagen, Copenhagen, Denmark

Dr. Doreen Babin

Department of Epidemiology and Pathogen Diagnostics, Julius Kuehn Institute, Braunschweig, Germany

Deadline for manuscript submissions

closed (30 June 2023)



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

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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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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