

## Special Issue

# Effects of Agricultural Management Practices on Soil Fertility and Microbiome Structure

### Message from the Guest Editors

Dear colleagues, Soil is of fundamental importance for food production since it provides resources enabling crop cultivation. Soil is a non-renewable resource, since the process of soil formation is extremely slow. The formation of soil, the mineralization of nutrients, and the turnover of soil organic matter are all closely regulated by soil microbes. Intense agrochemical use, short crop rotations, and ploughing led to a deep intensification of agricultural practises that result in erosion, loss of soil fertility, and a build-up of soil-borne plant diseases.

Crop production and health are closely related to soil microbial communities, which are important participants in ecosystem processes. The impact of farming practises, including tillage methods and fertiliser intensities, on soil microbiomes is currently poorly understood. For agricultural farming practises to be more effective and for planned sustainability to be achieved, a deeper comprehension of these interrelationships is required.

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 September 2023)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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