

## Special Issue

# Sustainable Crop Production: The Interaction on Soil Microorganisms and Soil Health in Arable Land

### Message from the Guest Editors

This special issue will focus on the mechanism of soil microorganisms in soil health cultivation and sustainable crop productivity improvement, as well as the new principles, technologies and models of how to regulate soil health and coordinated improvement of arable land productivity through soil microorganisms, with the goal of coordinated improvement of soil health and sustainable productivity in arable land. Research areas may include (but not limited to) the following:

- The mechanism of soil microorganisms in the coordinated improvement of soil health and sustainable productivity in arable land;
- The screening methods and applications of soil microorganism-related indicators in soil health assessment under sustainable crop production;
- How exogenous inputs (inoculates, fertilizers, pesticides, etc.) affect soil health and the coordinated improvement of sustainable land productivity through soil microorganisms;
- New technologies and new models for the coordinated improvement of soil health and sustainable productivity in arable land through the regulation of soil microorganisms.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Jing Huang

Dr. Kailou Liu

Dr. Tianfu Han

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### Deadline for manuscript submissions

31 December 2025



**Sustainability**

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### Editor-in-Chief

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