# **Special Issue**

# Sustainable Agroecosystem: Interactions between Plants and Microorganisms

# Message from the Guest Editors

Dear colleagues, Microorganisms are the most numerous beings that exist on Earth; they are essential for the functioning of ecosystems and maintain continuous interaction with plants. These microorganisms are also biotechnological alternatives with great importance in terms of promoting sustainable agriculture for the benefit of the environment. In this Special Issue, original research articles and reviews are welcomed. Research areas may include (but are not limited to) recent advances related to the interaction between microbes and plants, including those performing symbiosis with the plant, and the effects of the application of microorganisms on plant physiology, crop production and quality under biotic and abiotic stresses. The role of individual or consortium microbes, the molecular mechanisms involved in the plantmicroorganism interaction and the exploitation of new technological and sustainable approaches to understand the interactions between plant microbes are also welcomed. We look forward to receiving your contributions.

Dr. Beatriz Lorente

## **Guest Editors**

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### Deadline for manuscript submissions

closed (30 April 2025)



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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

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