

Special Issue

Plant–Soil–Microbes: A Tripartite Interaction for Better Soil Quality and Crop Growth

Message from the Guest Editors

The intricate interplay between plants, soil, and microbes forms the foundation of sustainable agriculture and ecosystem health and understanding these interactions is essential for the development of strategies that improve soil quality and promote crop growth. This Special Issue seeks to explore the latest advancements in the field of plant–soil–microbe interactions, emphasizing their impact on soil health and crop productivity. We aim to highlight pioneering research that clarifies the mechanisms behind these interactions, including microbial community dynamics, root exudates, and symbiotic relationships. We welcome submissions of original research articles, reviews, and opinion pieces addressing a broad range of topics, including but not limited to: microbial diversity and its role in soil health; plant–microbe interactions within sustainable farming systems; innovative agricultural practices that enhance plant–soil–microbe interactions; the role of soil microbes in plant stress resistance and resilience; and ecological engineering strategies to optimize plant–soil–microbe systems.

Guest Editors

Dr. Chen Chen

Dr. Xihui Xu

Dr. Zhenzhu Su

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

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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