

Special Issue

Soil Health: Integrating Plant Roots–Plant Nutrition–Soil Microbiota Interactions

Message from the Guest Editors

Healthy and asymptomatic soils are colonized by a rich variety of microbes (i.e., bacteria, fungi, protists, and viruses), forming complex microbial consortia that impact plant growth and productivity. Soil microbiomes are the key players in the conservation of soil health. They govern plant root morphology and nutrient uptake, the biogeochemical cycling of elements, and rhizosphere immunity, which enhances soil fertility and crop productivity. The current Special Issue focuses on different areas, including, but not limited to, the following: plant nutrition physiology; plant-driven rhizosphere microbial communities and structure; the plant root and phyllosphere microbiome response to cropping systems; and the beneficial effects of biofertilizers, plant growth promoters, and soil health promoters. This Special Issue welcomes original research, reviews, meta-analyses, and articles that focus on developing research elucidating the plant root–plant nutrition–soil microbiota interactions in cropping systems.

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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.

Editor-in-Chief

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