

Special Issue

Microbial Root Symbionts in Plant Production – Getting to the Bottom

Message from the Guest Editor

We seek contributions that report context-dependent, below-ground plant-microbe-soil interactions with effects on plant production and symbiotic association and functioning. Particularly welcome are reports of findings from manipulative experiments under close to field conditions, or field surveys with a clear study, sampling, and analytical design, addressing research questions targeted towards mechanistic and putatively causative relationships. Effects on crop plant performance and the agronomic and ecological significance and possible application value should at least be discussed based on existing literature to the topic. Multifactorial experiments and perspectives demonstrating and/or discussing context-dependencies are particularly welcome. Thorough (opinion) reviews with clear messages and offering new conceptual perspectives are considered as well.

The microbial plant symbionts can be mutualists, commensals, parasites, or mixed populations, and combinations of those. Particularly appreciated are reports on the changing symbiotic relationships with the age of the crop and symbiosis, or when growth conditions change.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2023)



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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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