

Special Issue

Plant–Soil Interactions and Agroecosystem Functioning

Message from the Guest Editor

Soil health is a multifaceted concept encompassing the ability of the soil to maintain key ecosystem services that include carbon and nutrient cycling and the maintenance of soil structure that underpin agricultural productivity. Virtually all of these agroecosystem services hinge upon a vast diversity of soil organisms. Crops and their management play an intimate role in shaping soil biological communities and the functioning of soil communities. A deeper understanding of plant–soil interactions in agroecosystems is needed to design novel cropping systems that will ensure productive agricultural lands into the future. This Special Issue is aimed at plant and soil ecology in agroecosystems with the goal of providing novel insights into the effects of crops on soil communities and their functions.

Unravelling the relationships between various crops and the functioning of their soil communities is a multidisciplinary topic covering aspects of soil biodiversity, community and population ecology, soil science, and microbial ecology, among others. All types of articles are welcome, from original research to reviews and opinion pieces.

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2021)



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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.

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