

Special Issue

Agroecosystems: From Soil Environment to Plant Nutrition

Message from the Guest Editors

Soil health is the cornerstone of agricultural green development. Soil erosion and degradation cause obstacles to the absorption and utilization of plant nutrients, leading in turn to the degradation of agricultural ecosystems and negatively impacting on food security and environmental sustainable development. Plants mainly absorb minerals and other nutrients from the soil, while different agricultural inputs, technologies and policies can affect the interaction of nutrients and ionic homeostasis. Therefore, it is essential to understand plant nutrition in complex soil environments more comprehensively. In this Special Issue, both theoretical and experimental studies are welcome, as well as comprehensive review and opinion papers.

- plant nutrition
- agroecosystem
- agronomic practice
- nutrient cycle
- soil pollution and remediation
- soil and plant physiological ecology
- molecular and physiological mechanism
- Metabolism and circulation of elements in agroecosystem

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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