

## Special Issue

# Plant Nutrient Dynamics: From Soil to Harvest and Beyond

### Message from the Guest Editors

This Special Issue encompasses the intricate journey of essential nutrients from their availability in the soil environment through their uptake by roots, subsequent translocation to various plant organs, and their accumulation in tissues, including the edible parts. This Special Issue explores how environmental factors (such as soil properties, climate, and the presence of abiotic and biotic stresses) influence this journey. This Special Issue highlights recent advances in nutrient absorption, transport, and accumulation in plant organs, specifically focusing on physiological, molecular, and ecological perspectives and strategies for enhancing crop nutrition under stress or low-input conditions. This Special Issue highlights cutting-edge research that drives innovation in plant nutrition science and its applications in food security and environmental sustainability. We welcome original research and reviews on nutrient uptake mechanisms, transport, regulatory networks, rhizosphere processes, root architecture, and sustainable agriculture applications.

### Guest Editors

Dr. Eleonora Coppa

Department of Agriculture and Forest Sciences (DAFNE), University of Tuscia, 01100 Viterbo, Italy

Dr. Stefania Astolfi

Department of Agriculture and Forest Sciences (DAFNE), University of Tuscia, 01100 Viterbo, Italy

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## Agronomy

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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