

## Special Issue

# The Unseen Half: Roles of Roots Under Stress Along the Soil–Plant–Atmosphere Continuum

### Message from the Guest Editor

Roots are the plants primary exchange interface with the soil, determining access to moisture and nutrients. This hidden half contains a complex range of sensing and signaling mechanisms that interact with the shoot, facilitating both active and passive transport of water and mineral elements. In this Research Topic, we welcome submissions of all article types published by MDPI Plants, including original research and reviews that dissect the root-related plant responses to variable stresses. We encourage contributions involving experiments conducted both in the field and under controlled environments, as well as the work involving modeling, experiment–model integration, and meta-analyses. Both fundamental and applied research are welcome, including studies on cultivated crops and agricultural systems. Quantitative studies that report responses of roots to biotic and/or abiotic stresses will be considered relevant if they advance our physiological understanding of these responses.

### Guest Editor

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### Deadline for manuscript submissions

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## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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