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Plant-Soil Interaction Response to Global Change

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Message from the Guest Editors

Plant roots control nearly half of the carbon cycle of global terrestrial ecosystems. Soil organisms can influence the quality and availability of soil nutrients, which, in turn, affects plant performance and how plants respond to global change. On the other hand, plants can alter the composition of the rhizosphere of soil through the production of litter and the release of root exudates, fueling plant–soil feedback loops, with potential consequences at different ecological levels. Such interactions occur not only in natural environments, but also in artificial environments, significantly affecting human life and driving current and future ecological methods and policies. The present Topic on plant–soil interactions aims to create a representative and updated collection of research articles and reviews regarding the main processes that shape the links between plants and the soil system and their response to environmental changes.



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Message from the Editor-in-Chief

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