

Special Issue

Plant–Soil Interactions in Karst Regions

Message from the Guest Editors

Karst regions have a shallow soil layer, discontinuous soil cover, high rock exposure rate, calcium-rich and alkaline soil. Karst plants have a clear adaptability to special and abundant niches and their configuration patterns in this region are very important for revealing the mechanism of community succession and formulating specific ecological management. At present, there are many studies on the water deficit stress of karst plants, ranging from the molecular to the community level. Future studies should further combine plant life forms and ecological species groups for community succession, and pay attention to the water adaptability of economic plants and the effects of frequent, extreme drought events on plants. In addition, mineral nutrients are likely to limit the restoration of vegetation in karst regions. We encourage studies from all fields, including mineral nutrition, plant–water relations, symbiotic and pathogenic plant–microbe interactions, and root traits for contributions to this Special Issue, in order to promote knowledge of, and adaptation strategies for, the restoration of vegetation in karst regions.

Guest Editors

Dr. Hao Zhang

Institute of Subtropical Agriculture, Chinese Academy of Sciences,
Changsha 410125, China

Prof. Dr. Wei Zhang

Institute of Subtropical Agriculture, Chinese Academy of Sciences,
Changsha 410125, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

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