

Special Issue

Emerging Research on Adaptive Plants in Karst Ecosystems

Message from the Guest Editor

Currently, 10 % of the Earth's area can be described as karst landform, and 13% of China's land area is karst. Karst soils, with the characteristics of drought, high pH and high bicarbonate, etc., strongly affect the growth and development of crops. Accordingly, improving crop productivity in karst areas is of vital importance for maintaining ecosystems (carbon neutral), ensuring food supply and promoting sustainable social development. This Special Issue aims to present studies on the following topics: the adaptive mechanisms of karst-adaptable crops (physiological, genetic, ecological and geochemical mechanisms, etc.); screening principles and technologies of karst-adaptable crop varieties; the allocation and regionalization of karst-adaptable crops in karst areas; and interactions between karst-adaptable crops and biotic or abiotic environments. Scientists from all over the world are invited to submit both original research and review articles on these topics.

Guest Editor

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Deadline for manuscript submissions

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Editor-in-Chief

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