Special Issue

Crop Improvement and Cultivation in Saline-Alkali Soils

Message from the Guest Editors

Soil salinization and alkalization have become an important abiotic stress affecting soil fertility and crop yields, and over 6% of soil in the world and around 20% of the area used for agriculture are subjected to salinity problems. It is necessary to improve the utilization rate of salt-affected soils and crop yield in order to solve the problem of more than 400 million people facing chronic hunger globally. Scientific agricultural management methods play a vital role in crop productivity under saline-alkali conditions. This Special Issue aims to provide a platform for the discussion of the studies regarding crop improvement and cultivation under saline-alkali conditions in terms of saline-alkali-tolerant crop varieties, crop physiology, and the improvement of soil, scientific fertilization, and cultivation for crop improvement in saline-alkali conditions. We welcome authors to present original studies and review articles. We hope that the Special Issue proposes techniques, directions, strategies, and solutions that will promote soil fertility and crop productivity in saline-alkali soils.

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