

Special Issue

Effects of Salt Stress on Crop Production

Message from the Guest Editor

Soil salinization is one of the major abiotic stresses limiting crop production worldwide. Under salt stress, crop plants cannot develop a reasonable root system to effectively absorb water and nutrients from the soils, causing damage to cells, organs, and tissues as well as slow metabolism and growth inhibition, leading to reduced crop yields and quality. Under severe salt-stress conditions, crop plants cannot achieve good establishment and reasonable productivity. A deeper and more comprehensive understanding of how crops respond to salt stress and the underlying salt tolerance mechanisms is of crucial importance to breed salt-tolerant crop varieties and develop salt-tolerant production practices. This Special Issue focuses on the breeding strategies and techniques of salt-tolerant varieties, the management of salt-tolerant production practices and their effects and mechanisms on the morphology, physiology, and yield performance of crops under salt-stress conditions. For this Special Issue, original research manuscripts, short communications, and reviews are welcome.

Guest Editor

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Deadline for manuscript submissions

20 January 2025



Agriculture

an Open Access Journal
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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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