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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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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