Special Issue

Salt and Water Stress Tolerance in Plants

Message from the Guest Editors

The threat of soil salinization on crop production has been increasing in association with global climate change. An increase in salt concentrations in the rhizosphere gives rise to salt stress, which seriously reduces the growth and productivity of glycophytic plants. Na+ and Cl- are the major toxic ions during salt stress. Therefore, to uncover the mechanisms of salt tolerance in plants, understanding transport and distribution systems and homeostatic mechanisms, for not only Na+, but also Cl-, K+ and water, is important. For this Special Issue of the journal *Plants*, we seek novel findings and the latest updates regarding plant salt tolerance, broadly, from molecular physiological studies to breeding and genetics.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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