Special Issue

Plants Subjected to Salinity Stress

Message from the Guest Editors

Salinity gradient is one of plant diversity determinants in land and water ecosystems. Currently, salinity is one of the major stressors of plants, and salt-tolerant species usually have to cope with several other abiotic constraints occurring simultaneously in their natural environment. The important problem worldwide, even in semi-arid areas, is not only drought, but also the successive salinization of arable land. Therefore, researchers are becoming increasingly interested in a group of xerohalophytes that display an excellent ability to grow in salinized environments characterized by low water availability. Some of these species have been applied to fixation of sand dunes or may be used for phytoremediation schemes of saline agricultural areas.

This Special Issue welcomes recent articles related to all the above mentioned areas. Multidisciplinary comparative studies are also welcome. Particular emphasis is also placed on high-value Products obtained as a result of halophyte cultivation. We think that the readers of the MDPI journal Plants will benefit from every viewpoint presented by this wide scientific community.

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About the Journal

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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