Special Issue

Identification of Traits Contributing to Salt Tolerance in Crops

Message from the Guest Editors

Climate change and population growth are the major challenges of the millennium. It is estimated that climate extreme events, such as gas emissions, heat and drought, and soil salinization will impose a loss of nearly half of all arable land by 2050. The latter is considered the most severe limiting factor for agriculture, affecting ca. 20% of the global cultivable area, with a predicted annual expansion rate of 10% in the coming decades. In this context, crop breeding towards salt tolerance is the elected strategy to cope with the imposed changes. This Special Issue aims to integrate research on the salt stress responses of crops, underused crops, and crop wild relatives towards the identification of useful traits for breeding programs.

Guest Editors

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