



Response and Tolerance of Agricultural Crops to Salinity Stress

Guest Editor:

Message from the Guest Editor

Dr. Jorge Ferreira

US Salinity Laboratory, 450 W. Big
Springs Rd., Riverside, CA 92507,
USA

Deadline for manuscript
submissions:

closed (31 October 2018)

Dear Colleagues,

Abiotic stresses affect mineral nutrient balance, physiological, biochemical, morphological responses, and gene expression of plants growing under salinity stress. There is plenty published on tissue accumulation of NaCl, proline and glycine, physiological aspects, and on the expression of genes that are important to salt tolerance mechanisms. However, we lack information on several aspects including reactive oxygen species, nonenzymatic biochemical markers, root and shoot morphology, hormones, growth regulators, and secondary metabolites that will help us understand plant response to salinity. The interactions between salinity vs. nutrition and drought vs. salinity also need to be better understood to ensure high yield and quality of plant products. Work related to endophytes, chemical primers such as H₂O₂, salicylic acid, and with new crops candidates for cultivation under salinity (including their respective postulated mechanisms of salinity tolerance) is welcome. For more information, please click the following link: http://www.mdpi.com/journal/agriculture/special_issues/Salinity.

Dr. Jorge Ferreira, Guest Editor





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Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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