

## Special Issue

# Response and Tolerance of Agricultural Crops to Salinity Stress

### Message from the Guest Editor

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 H<sub>2</sub>O<sub>2</sub>, 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\\_Stress](http://www.mdpi.com/journal/agriculture/special_issues/Salinity_Stress)

Dr. Jorge Ferreira, <

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2018)



## Agriculture

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## About the Journal

### 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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### Editor-in-Chief

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