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Salinity Stress Tolerance in Plants

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

Since salt stress affects plant germination, growth, and productivity, it is considered a serious threat to agriculture. The extent to which a plant is affected by salinity mainly depends on the species, but other factors including soil attributes, water, and climatic conditions also affect a plant's ability to tolerate salinity stress.

In this Special Issue of *Plants*, we welcome research articles that document exciting discoveries on the induced or natural variation of plant genotypes to cope with salt stress. Novel approaches covering molecular biology, biochemistry, physiology, genetics, cell biology, genetic transformation, modern omics, genome editing, and bioinformatics technologies are also invited. In particular, this Special Issue is also open to research articles on the impact of essential nutrients and biostimulants on the biochemical, physiological, and molecular mechanisms of plants to deal with salt stress, and on the effects of salinity on plant nutrient status. Critical reviews on these topics are also welcome in this Special Issue.



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Special Issue



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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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