



Special Issue on Abiotic Stress in Plants

Call for Papers

Plants, due to their sessile nature, face several environmental adversities. Abiotic stresses such as heat, cold, drought, heavy metals, and salinity are serious threats to plant production and yield. To cope with these stresses, plants have developed sophisticated mechanisms to avoid or resist stress conditions. A proper response to abiotic stress depends primarily on how plants perceive the stress signal, which in turn leads to initiation of signaling cascades and induction of resistance genes. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **abiotic stress in plants**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **abiotic stress in plants**. In this special issue, potential topics include, but are not limited to:

- Salt stress in plants
- Phosphate starvation in plants
- Flooding stress
- Extremes of temperature
- The role of TFs and genes in certain abiotic stress situations
- Complexity in researching on sensors
- Signal transduction
- Systems biology approach to abiotic stress
- Potential mechanisms of abiotic stress tolerance in crop plants

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue –Abiotic Stress in Plants**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	May 26th, 2023
Publication Date	July 2023

Guest Editor:



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