

Special Issue

Effects of Salt and Water Stress on Crop Agronomic Performance

Message from the Guest Editor

Salt and drought stress are among the most pervasive abiotic factors limiting agricultural productivity worldwide. In recent decades, research has advanced in identifying the key physiological, genetic, and molecular mechanisms that enable plants to survive under these harsh conditions. However, bridging the gap between fundamental insights and their application in crop improvement remains a major challenge.

This Special Issue aims to compile research that explores how salt and water stress affect the agronomic performance of crops, with a particular focus on physiological responses, breeding strategies, and molecular approaches to enhance stress tolerance. We are particularly interested in cutting-edge research that employs innovative methodologies—such as omics technologies, gene editing, phenotyping tools, and modeling approaches—to dissect plant responses and design resilient cropping systems.

We also encourage the submission of articles that addresses real-world challenges in diverse crops and agroecosystems, including those focusing on genotype \times environment interactions or field-level implications.

Let us tackle salinity and drought—together—for a more resilient agriculture.

Guest Editor

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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

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