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## Genetic Mechanism of Abiotic Stress Response and Tolerance in Trees

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### Message from the Guest Editors

Trees are exposed to various abiotic stress factors, such as drought, salt, extreme temperatures, and toxic metals, all of which drastically affect their productivity, survival, and the geographic range of species. Throughout their long history, trees have developed a broad range of molecular mechanisms to respond to and resist abiotic stresses. Therefore, understanding the molecular mechanisms of tree responses to abiotic stress is an urgent requirement that will expedite the dissection of stress-sensing and signaling networks and further support effective genetic improvement programs through genetic engineering.

This Special Issue focuses on the research area of genetic mechanisms of abiotic stress response and tolerance in trees and invites contributions on advances in our understanding of the impacts of stress sensing, signal transduction, and physiological responses of tree species to abiotic stress.



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# Special Issue



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## Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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