Special Issue

Genomic Approaches to Understand Crop Response to Biotic and Abiotic Stress

Message from the Guest Editors

The development and identification of climate-resilient and high-yield crop varieties with enhanced tolerance to biotic and abiotic stresses is crucial for more sustainable agriculture. The progress of genomic technologies and tools has enabled a better understanding of the genetic bases and biochemical mechanisms behind plant responses to biotic and abiotic stresses. These pieces of knowledge and tools will accelerate crop breeding programs to enhance their yields as well as resilience against such stresses. This Special Issue focuses on genomic approaches and tools that use advanced technology to study plant responses to biotic and abiotic stress conditions. We welcome original contributions on the identification of genomic regions, genes, and haplotypes associated with plant stress resistance, the development of genomic tools, and the deployment of genomic-assisted breeding approaches for the introgression of resistant genes in breeding programs.

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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.

Editor-in-Chief

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