# Special Issue

# Physiological, Biochemical and Metabolic Responses of Crops to Biotic and Abiotic Stress

# Message from the Guest Editors

This Special Issue deals with the adaptation strategies of plants to unfavorable conditions. In recent years, researchers have gained many new insights into the metabolism, gene expressions, and enzyme activities that change due to biotic and abiotic stress conditions. Many important crops are regularly affected by unfavorable environmental conditions. As climate change progresses, unfavorable situations such as drought, heat, cold, and flooding are expected to increase and become more severe. Equally important is the influence of biotic factors, such as various types of pests and bacterial and fungal diseases, on crop growth and yield. The duration of the stress to which plants are exposed also depends on the type of stress. All these factors have a considerable influence on the adaptation strategies of plants to unfavorable conditions. Adaptation aims at plant survival during stress and, from an economic point of view, at limiting harvest losses after harvest and during further storage. All types of articles, such as original works, opinions and reviews, are welcome.

#### **Guest Editors**

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## Deadline for manuscript submissions

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# **About the Journal**

# 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.

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