

Special Issue

Plants under Emergency – Crop Protection, Mitigation Approaches and Challenges

Message from the Guest Editors

At present, agriculture production is becoming increasingly challenged by an ever-growing population, in a scenario of imminent climate instability and the spread of emerging pest and diseases. Recent works and reports on the area clearly suggest that major actions need to be taken now in order to prevent greater future costs in terms of agricultural yield and profits. Abiotic and biotic pressures are pushing plants beyond their tolerance boundaries, impacting crop growth and yield worldwide, ultimately compromising food safety and quality. This Special Issue (SI) aims to tackle these issues, particularly focusing on:

- Crop adaptation to climate change and environmental contamination;
- Plant responses to emergent biotic and abiotic pressures;
- Diseases and pest management;
- Biocontrol approaches;
- Development of mitigation tools against abiotic stresses;
- Food safety and quality.

We welcome all scientific works (original research papers, perspectives, hypotheses, opinions, reviews, modelling approaches, and methods) in this domain.

Guest Editors

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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.

Editor-in-Chief

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