



Plants under Emergency – Crop Protection, Mitigation Approaches and Challenges

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Message from the Guest Editors

Dear Colleagues,

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.

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Guest Editors



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Message from the Editor-in-Chief

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