



Towards Crops Resilience to Waterlogging

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Message from the Guest Editors

Waterlogging is a critical challenge to global agriculture, adversely affecting crop productivity by disrupting root oxygen supply and overall plant growth.

The key areas of interest include agronomic practices that mitigate waterlogging effects, the role of fertilizers in supporting plant growth and recovery under and post-stress, and the use of plant growth regulators to promote crop resilience. Additionally, studies focusing on understanding the molecular mechanisms underlying crop resilience under waterlogging are highly encouraged. Research on plant physiology and metabolites, such as stomatal signaling and photosynthesis, and metabolic profiles are crucial for understanding how crops can adapt to waterlogged conditions.

We invite contributions that delve into these topics, offering insights into the molecular, physiological and agronomic mechanisms that underpin crop resilience to waterlogging.





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Message from the Editor-in-Chief

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