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Advances in Tree Physiology and Ecology under Drought Stress

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Deadline for manuscript submissions:

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Message from the Guest Editors

Drought has had a prominent impact on tree growth and its related ecological processes in the context of global climate change. This Special Issue of *Forests* aims to publish studies that contribute to the mechanistic understanding of tree physiology and ecology under drought stress conditions. The research is not limited to tree species; any other woody species including shrub and woody liana also fit within the scope. Original research papers, reviews and meta-analyses are all welcome.

This Special Issue includes, but is not limited to, the following topics:

- 1. Physiological performance of trees under drought stress and the associated recovery mechanisms.
- 2. Drought-induced mortality mechanisms of trees and their relationship with plant water use strategies.
- 3. The mechanisms of mycorrhizal fungi in assisting the drought tolerance of trees.
- 4. Novel methods in the study of tree physiology under drought stress.
- 5. Relations between tree water use strategies and community assembly or ecosystem processes.











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