



Radial-Growth and Wood Anatomical Responses to Climate Change

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Message from the Guest Editors

Wood is a major biotic reservoir for long-term carbon sequestration. Therefore, we need a better understanding on how trees and other woody plants (shrubs) respond to climate change. Studies on radial growth and quantitative wood anatomy are two relevant sources of information on the responses of woody plants to climate.

This issue of *Forests* calls for studies on the responses of radial growth and the wood anatomy of forests and scrublands to climate change. We expect contributions focused on dendroecology, dendroclimatology and wood anatomy investigating the responses of trees and shrubs to climate trends and to extreme climate events as droughts or frosts. We encourage studies on the broad field of tree-ring and wood anatomy sciences, providing research on observed and projected tree performances under climate change. Studies addressing ecological aspects based on these disciplines and contributing mitigation, resilience and adaptation strategies for woody communities and tree and shrub populations as related to climate change will be considered. Contributions including experimental, observational, modeling and theoretical studies focusing on woody plants are welcome.





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