Special Issue

Radial-Growth and Wood Anatomical Responses to Climate Change

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.

Guest Editors

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Deadline for manuscript submissions

closed (24 December 2021)

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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