



Tree Growth in Limiting Environments

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Message from the Guest Editors

Tree growth can be used as a proxy of tree performance under particular conditions and as an overall response to the supply of the main resources (light, water, and nutrients) and to the regulatory effect of different environmental variables. In this sense, the dating and studying annual tree rings through dendrochronology has been successfully used for climatic reconstructions, allowing for the detection of impacts of climatic extremes, such as droughts or frosts.

Therefore, the study of secondary or radial tree growth, from the simple recording of the > ring width sequence, as well as deeper anatomical studies of intra-annual variables, can contribute to a better understanding of the relationships between overall tree performance and limitations imposed by the environment.

We invite colleagues willing to contribute their research on tree growth responses to limiting environmental conditions, including drought or cold stress, and other climatic extreme events, as well as other environmental influences negatively affecting growth capability, to consider submitting an article for publication.





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