Special Issue

Water Use Efficiency of Forest Trees

Message from the Guest Editors

Water use efficiency (WUE) indicates the water use strategy among different species or at different life stages of plants. WUE provides an integrated indicator for quantifying CO2 assimilation via photosynthesis to water use through transpiration. WUE varies greatly with forest type (e.g., plantations or natural forests), species (e.g., sclerophyllous, evergreen, or temperate), age (e.g., seedlings, saplings, or adults), and environmental conditions (e.g., drought and heatwaves), among others. However, our understanding of how WUE operates from 'gene to landscape' is still incomplete. This Special Issue aims to gather original manuscripts that explore the latest advancements in the WUE of trees in forests in the context of climate change. Manuscripts spanning various geographical regions, forest types, and species in the open field or under controlled conditions are welcome.

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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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