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Relationship between Forest Ecophysiology and Environment

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Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we explore current research designed to assess thresholds for rapid tree decline and consequences associated with ecological change. In situ measurements of ecophysiological traits and time-series analysis of monitoring data are needed to reveal both subtle changes and abrupt deviations at appropriate spatial and temporal scales. A combined approach, involving innovative data collection and transmission methods, may provide an early warning system for trees operating beyond the normal or safe mode and may offer unique insights into ecological dynamics and physiological responses to climatic perturbations that are not represented by estimates of forest cover or biomass.

This Special Issue will comprise a selection of papers reporting recent advances in research on relationships between plant functions and the environment in natural forest ecosystems and in managed forest plantations. Original works and reviews are both welcome.

Prof. Dr. Roberto Tognetti

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Guest Editors



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Special Issue



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