



Mechanisms of Adaptation of Forest Trees to Limiting Environments

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Message from the Guest Editor

Trees are sedentary, long-lived organisms that must cope with environmental stresses throughout their existence. Limiting environments impose chronic stress on these long-lived organisms, as growth is negatively affected by i) limited resource availability or ii) growing limitation due to adverse environmental variables (e.g. low or high temperatures or high air vapour pressure deficit). This Special Issue aims to share information about factors affecting tree growth imposed by resource limitation or environmental factors through negative effects on tree functioning. Suggested topics to fit the aim of this Special Issue include:

- Nutritional limitations: studies offering new data about trees living in poor soils in terms of nutrient availability.
- Water scarcity as a structural feature of any particular habitats (drylands) and perspectives of evolution of such effects from a temporal perspective (climate change).
- Environmental factors imposing stress in the sense of limiting growth, independent of or concomitant with resource availability.
- New data on habitat limitations (edaphic or climatic data) and functional responses of trees.





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