

## Special Issue

# Tree Ecophysiology: Responses and Adaptation to a Changing Environment

### Message from the Guest Editors

Several environmental stressors can affect the life and survival of trees and represent a great concern in the forestry community, especially in view of the current and future climate changes. Drought, global and local warming, land-use changes, fire, pollution, pests and pathogen attacks negatively impair tree physiology and vitality, with consequences for the forest structure, composition and regeneration. Therefore, it is important to study in depth the mechanisms and processes involved in tree responses to different environmental constraints, acting individually, in combination or in temporal sequence. In this Special Issue, we aim to improve the knowledge on forest tree responses and adaptation to environmental constraints, asking for original contributions on physiologically-based studies, which have been carried out in controlled conditions, in the field, with models and remote sensing surveys, including also issues on species interactions and forest management strategies.

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### Guest Editors

Dr. Martina Pollastrini

Department of Agrifood Production and Environmental Sciences,  
University of Florence, Piazzale delle Cascine 28, 50144 Firenze, Italy

Dr. Riccardo Marzuoli

Laboratory of Ecophysiology and Environmental Physics, Department of  
Mathematics and Physics, Università Cattolica del Sacro Cuore, via dei  
Musei 41, 20125 Brescia, Italy

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### Deadline for manuscript submissions

closed (31 December 2017)



## Forests

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,  
I-25121 Brescia, Italy

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