



Adaptive Mechanisms of Tree Seedlings to Adapt to Stress

Guest Editors:

Dr. Bo Liu

Dr. Shaofei Jin

Dr. Muluaem Tigabu

Dr. Jing Zhou

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Message from the Guest Editors

Dear Colleagues,

As the most critical stage throughout the plant life cycle, the seedling period plays a crucial role in forest community succession and vegetation restoration. Seedlings are vulnerable to biotic and abiotic stresses during their growth stage. Ongoing climate change is increasing the frequency and intensity of stresses such as drought, flood, extreme temperature, and pest spread. In the long-term evolutionary process, tree seedlings have developed a set of adaptive mechanisms to deal with these stresses. Research on seedling growth mechanisms is helpful to understand and clarify ecological adaptation characteristics that ensure better growth and performance in the field. For this Special Issue, we invite all research undertakings that deal with the adaptation mechanisms of tree seedlings to biotic and abiotic stresses, highlighting their important roles in coping with stresses in forest ecosystems. Thus, this Special Issue is generally aimed at collating up-to-date research findings on various adaptive mechanisms of tree seedlings to stress.





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Editors-in-Chief

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Prof. Dr. Giacomo Alessandro Gerosa

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

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Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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