Special Issue

Adaptive Mechanisms of Tree Seedlings to Adapt to Stress

Message from the Guest Editors

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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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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