



Seedling Management in Temperate Forest Ecosystems

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Message from the Guest Editor

After recruitment, seedling survivorship and growth are increasingly important means of regeneration for plants in the face of rapid climate change and habitat destruction. This is particularly important for temperate forests, where the majority of human activities take place. Therefore, new strategies for improving seedling survivorship are urgently needed for the conservation of forest biodiversity. This Special Issue aims to pay particular attention to the regeneration techniques in nurseries, following the field conditions for which the seedlings are intended (steep or shallow slope); to the abiotic and biotic drivers of seedling survival in the field and their relative importance at different stages of succession; and to the potential allelopathic interaction among species which may impair their growth.

For this Special Issue, potential topics include novel insights on seedling management in temperate forest ecosystems, a) intraspecific plasticity between survival and growth, b) drought resistance, c) shade tolerance, d) chemical defense (allelochemicals), e) new technologies for root and shoot investigation. Original works, reviews, and short communications are all welcome.





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