Production in Forest Nurseries, Field Performance of Seedlings and Natural Regeneration in the Context of Climate Change

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Message from the Guest Editors

The morphophysiological quality of seedlings is one of the essential components that directly affects the success of reforestation programs. The production of quality seedlings or emblings in forest nurseries and the success of plantations are strongly linked to the selection of genetic sources (provenance, families, clones) adapted to the plantation sites, to the different cultural practices applied in the nursery, to the handling, transportation, and storage of seedlings or emblings before their plantation on a reforestation site, to site preparation, and to silvicultural techniques.

In addition to reforestation (artificial regeneration), it is necessary to understand natural regeneration patterns as well as the development of methods, silvicultural techniques, and tools to improve the success of the renewal of the stands in response to increasing biotic and abiotic stresses (drought, fires, insect and fungal attacks, etc.).

Special Issue

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