The Forest Renewal Issue: New Problems and Findings in the Establishment of Tree Regeneration

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Message from the Guest Editors

Tree regeneration is key to sustainable forestry. Dealing with stand renewal has always been of crucial relevance since it is the first stage in all silvicultural systems. The regeneration issue is also very important in post-disturbance restoration and whenever forest rehabilitation is involved.

Defining the most suitable species, type of material, timing and planting arrangement in afforestation, or understanding the processes and mechanisms that influence natural tree seedlings are among the most actively investigated topics in forestry. New approaches and investigations are still needed to counteract old and new problems (e.g. ungulate pressure, climate change) related to this issue.

Future forest generations rely on our ability to respond to this challenge, finding effective solutions to adapt to continuously changing environments.

We encourage studies from all fields, in order to promote knowledge on regeneration processes and dynamics and to implement sustainable forest management.

Special Issue

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