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Climate-Smart Forestry: Problems, Priorities and Prospects

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Deadline for manuscript
submissions:
closed (25 July 2023)

Message from the Guest Editors

Dear Colleagues,

Improved forest management can sustain or increase carbon absorption and stock in forests, while the reduction of deforestation and forest degradation decrease greenhouse gas emissions. Climate-smart forestry (CSF) methodologies could be a useful approach for combining climate change mitigation actions with adaptation activities and through increasing forest resilience and providing ecosystem services, which respond to the needs of growing populations and improving human wellbeing. This Special Issue plans to provide an overview of the most recent achievements in studies devoted to climate change, its effects on forest ecosystems, and the challenges of carbon balance assessment. It aims to provide selected materials on achievements in the reduction or prevention forest disturbances, which can help to convert the carbon balance of forests from being sources of greenhouse gas emissions to net carbon absorbers. We invite papers based on studies in forest ecology and management, advanced silviculture, tree improvement and breeding, carbon polygons, forest conservation biology, dendrochronology, etc. Interdisciplinary studies are especially appreciated.



mdpi.com/si/120625

Special Issue



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Message from the Editorial Board

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Journal Rank: JCR - Q1 (*Forestry*) / CiteScore - Q1 (*Forestry*)

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