



## Forest Biodiversity and Climate-Regulating Functions

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### Message from the Guest Editors

Climate change is one of the leading global challenges today. On the one hand, climate change affects biodiversity; on the other hand, biodiversity, being a provider of forest ecosystem functions, including climate regulation, creates mechanisms for adaptation to climate change. In many forest countries, there is a steady trend towards forest use intensification, driven by increasing demands for forest products and services, which contributes to the reduction of biodiversity. Scientific research aimed at identifying the mechanisms of biodiversity impact on ecosystem functions of forests is of great importance for sustainable forest management in the context of global changes. This Special Issue focuses on the impact of biodiversity on climate-regulating functions of forests, including regulation of carbon, nitrogen, water cycles, temperature regime. Research articles may focus on the impact of biota diversity represented by individual trophic levels and groups and the combined effects. Comparison of the impact of biodiversity and species identity on forest climate-regulating functions is also of great interest.





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