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Carbon and Nutrient Cycling in Forests under Climate Change

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Message from the Guest Editors

Forests are undoubtedly one of the most important means at our disposal to tackle climate change. They are key for efforts to decouple the economy from GHG emissions through the substitution of fossil fuels and other materials. Forests are also a cornerstone in creating long-lasting carbon sinks, act as sanctuaries for biological and genetic diversity, and regulate freshwater provision and quality. Sustaining these and all the other services desired from forest ecosystems is dependent on the viability of the closely linked cycling of carbon and nutrients in forests, including biota and soils.

This Special Issue of Forests aims to collect scientific findings and knowledge about the effects of climate change on the cycling of carbon and nutrients in different forest biomes around the globe in order to provide a sampled assessment of the potentials and risks for climate change mitigation. This Special Issue welcomes studies on coupled carbon and nutrients cycles based on monitoring, experiments, and modelling results, with a special interest in field studies from the forest stand to regional or hemispheric scales.











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