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Ecophysiology of Forest Succession under Changing Environment

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Message from the Guest Editor

Dear Colleagues,

Regulation of forest succession is essential to sustainable resource management in natural and man-made forests under rapidly changing environments, e.g., increasing CO₂ and O₃, nitrogen deposition, soil degradation, and flooding. For this, we should identify interactions between the demography of forest tree species (pollination, fruit set, germination, seedling establishment, growth of trees, etc.) and their abiotic and biotic conditions. Former studies in this field have been well-reviewed by Bazzaz (1979), Schulze et al. (1993), Scherer-Lorenzen et al. (2005), and Matussek et al. (2012) from Euro–American perspectives. In this Special Issue, we will focus on recent progress in ecophysiological aspects in forest succession as well as biodiversity conservation in species-rich ecosystems with disturbances. In this sense, we welcome not only original papers but also mini-reviews.



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