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Carbon-Nitrogen-Phosphorus Stoichiometry in the Dynamic Forest Ecosystem

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Deadline for manuscript submissions:

closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

Carbon, nitrogen, and phosphorus are tightly linked to forest growth, development, and ecological functions. The C:N:P stoichiometry of plants, litter, soils, and microbes provides insights into certain physiological activities, biogeochemical processes, and ecological phenomena in forest ecosystems. The purpose of this Special Issue of Forests is to summarize the latest knowledge and report new findings on the dynamic of C:N:P stoichiometry in forest ecosystems at multiscales. We especially welcome submissions that focus on C:N:P stoichiometry in forest ecosystems involving deforestation, logging, disturbances, afforestation, or restoration. The main topics include but are not limited to: linking ecological stoichiometry to nutrient limitation, mechanisms of C:N:P stoichiometry in various ecosystems, responses of C:N:P stoichiometry to disturbances restoration, changes in and stoichiometry under different forest management regimes, ecological stoichiometry related to forest functions, and responses of C:N:P stoichiometry to global change.









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