



Biogeochemical Cycles in Forests

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Message from the Guest Editors

As the largest carbon stores and the most economical carbon absorbers on land, it is estimated that more than half of the carbon in terrestrial ecosystems is stored in forest ecosystems. Under the influence of global climate change and human interference, major elements (C, N, P, etc.) and trace metal elements (Pb, Cd, etc.) undergo biogeochemical cycle and migration process in the vegetation–water–soil system, thus realizing a variety of forest ecosystem services. In recent years, with the development of isotope, molecular biology, the geochemical cycle model and geographic information technology, the studies on forest biogeochemical cycles have made great progress. To reflect the latest research on biogeochemical cycles in forest ecosystems, we encourage studies from all fields that deal with the nutrient circle, plant stoichiometry, microbial stoichiometry, soil stoichiometry and the element cycle model from a field-to-region scale, to contribute to this Special Issue in order to enrich forest biogeochemistry theories and provide the basis for forest ecosystem management.





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