Special Issue

Biogeochemical Cycles in Forests

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.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2024)

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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