

Special Issue

Biogeochemical Cycles of Nitrogen in Forest Ecosystems

Message from the Guest Editor

Dear colleagues, Nitrogen (N) is an essential element for all forms of life on earth, and N cycling is the key to understand the structures and functions of forest ecosystems, which play a central role in regulating regional N balance and mitigating climate changes. Nowadays, global changes, such as elevated N deposition, climate, CO₂ fertilization and land uses, have greatly shaped terrestrial N cycling. However, there still remain open questions on what dominates forest N biogeochemical cycling and how it happens under global changes. In this Special Issue of *Forests*, we explore the processes, patterns, and mechanisms of biogeochemical cycles of N in forest ecosystems under global changes, including but not limited to the following items: N fixation, translocation, transformation, losses (leaching/emission), retention, the fate of N, and the interactions with biological and/or abiotic factors. We encourage studies from all the related field, including experimental studies, monitoring approaches and models, to contribute to this special Issue, in order to promote knowledge and sustainable management for forest ecosystems in the future.

Guest Editor

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Message from the Editor-in-Chief

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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