

Special Issue

Impacts of Climate Change and Forest Management on Forest Carbon and Nitrogen Budgets

Message from the Guest Editors

Forest ecosystems play a vital role in mitigating climate change by sequestering CO₂ and cycling nitrogen, which in turn affects productivity and resilience. However, climate change, marked by rising temperatures and shifting weather patterns, poses challenges to these ecosystems. Additionally, forest management practices—such as harvesting and fire management—can alter carbon and nitrogen budgets, yet their combined impacts with climate change remain understudied. This Special Issue aims to enhance understanding of how climate change and forest management interact to influence carbon and nitrogen dynamics in both natural and managed forests across various biomes. We invite submissions of original research, reviews, and meta-analyses that address these critical issues in sustainable forest management.

Guest Editors

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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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