Special Issue

The Relationship between Tree Litter Decomposition and Global Change

Message from the Guest Editors

Tree litter decomposition is an important biochemical process that has close linkages with nutrient circulation, carbon source-sink balance, soil fertility, plant growth and community succession, as well as the productivity of ecosystems. Decomposition of litter can be driven by a series of complex internal and external factors, such as climate change, nitrogen deposition, fire disturbance, human management, substrate, soil organisms, and edaphic physicochemical properties. Hence, it may be pivotal to identify how the processes of litter decomposition and nutrient release can be regulated by these biotic and abiotic factors.

This Special Issue aims to collate state-of-the-art research on how tree litter decomposition may be regulated, particularly in the scenarios of increasing global change.

Prospective topics may include, but are not limited to the following:

Carbon dioxide emission and regulation;
Climate change effect;
Nitrogen deposition effect;
Prescribed burning effect;
Faunal mechanisms;
Microbial mechanisms;
Role of biotic interactions.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2024)

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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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