

## Special Issue

# Impacts of Nitrogen Deposition on Litter Decomposition and Nutrient Cycling

### Message from the Guest Editors

This Special Issue aims to explore the complex interactions between nitrogen deposition, litter decomposition, and nutrient dynamics, with a particular emphasis on how these processes influence ecosystem structure and function. We welcome contributions from both experimental studies and long-term field observations. Potential topics include, but are not limited to, the following:

- Microbial and biochemical mechanisms driving nitrogen-induced changes in litter decomposition;
- The interplay between nitrogen deposition and phosphorus availability in regulating nutrient cycling and ecosystem stability;
- The ecological consequences of altered litter decomposition on carbon sequestration, soil fertility, and forest productivity;
- Comparative studies assessing the effects of nitrogen deposition across different climatic regions, ecosystem types, and land-use patterns;
- Strategies for mitigating the ecological impacts of nitrogen deposition on litter decomposition and broader ecosystem functions.

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### Guest Editors

Prof. Dr. Benjamin L. Turner

Dr. Min Duan

Prof. Dr. Shouqin Sun

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### Deadline for manuscript submissions

31 October 2025



## Forests

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## About the Journal

### 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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### Editor-in-Chief

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