

# Special Issue

## LiDAR Remote Sensing for Forestry: 2nd Edition

### Message from the Guest Editors

This is the second edition of the Special Issue “LiDAR Remote Sensing for Forestry” ([https://www.mdpi.com/journal/forests/special\\_issues/0WY4ROM2E4](https://www.mdpi.com/journal/forests/special_issues/0WY4ROM2E4)), following up on the success of the first edition, which published eight articles. We look forward to receiving more high-quality contributions in this edition.

This Special Issue focuses on the latest studies addressing forest inventory using LiDAR technology. We hope this Special Issue will elevate research interest in LiDAR technology and unleash its geometric and topological potential within the forest and plant sciences. The scope of this Special Issue includes, but is not limited to, the following topics:

- Multi-platform point cloud fusion;
- Filtering for forest environment;
- Individual tree detection;
- Biomass estimation;
- Tree species identification;
- Quantitative structure modeling for trees;
- Forest parameters estimation;
- Forest ecology;
- Carbon cycle analysis;
- Forest planning and management.

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### Guest Editors

Prof. Dr. Zhenyang Hui

Prof. Dr. Penggen Cheng

Prof. Dr. Bo Liu

Dr. Mark Vanderwel

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### Deadline for manuscript submissions

30 November 2026



## 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

Prof. Dr. Giacomo Alessandro Gerosa

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