

Special Issue

Applications of LiDAR and Photogrammetry for Forest Inventory and Management

Message from the Guest Editors

The purpose of this Special Issue is to bring together state-of-the-art LiDAR and photogrammetry applications for both forest inventory and management in forest ecosystems. Review papers and research contributions are suitable. In particular, contributions covering the following sub-topics are welcome:

- Individual tree segmentation and crown attribute estimation using LiDAR and photogrammetry data;
- Machine learning or deep learning approaches for estimating forest structure attributes from LiDAR and photogrammetry data;
- Fusion of LiDAR and optical remote sensing data for forest inventory and mapping;
- Synergies among platforms (airborne, terrestrial, and spaceborne) for forest inventory and monitoring;
- Advancements in tools and algorithms for photogrammetric restitution and LiDAR data processing and forest inventory.

Guest Editors

Dr. Carlos Alberto Silva

Prof. Dr. Carine Klauberg

Dr. Justin Morgenroth

Dr. Rubén Valbuena

Deadline for manuscript submissions

closed (10 July 2019)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2026).