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Terrestrial Laser Scanning of Forest Structure

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Deadline for manuscript submissions:
closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

Terrestrial laser scanning (TLS) has the potential to revolutionise forest surveying. By allowing forests to be described in three dimensions, and at high resolution, it opens up the possibility for increasing both the accuracy of existing measurements and developing novel insights.

Nevertheless, there remain a number of challenges. These include practical issues such as evaluating new and upgraded platforms for data collection, with many new devices in development; designing and assessing survey protocols; comparing TLS with traditional approaches; and integrating TLS data with complementary methods.

In this issue, we welcome all studies which deploy TLS approaches in forest ecosystems, whether natural or designed. Specific topics include, but are not limited to:

- Demonstration of methodologies for field data collection
- Comparison between TLS and other survey approaches
- Integration of airborne and terrestrial laser scanning
- Extraction of forest physical parameters from point clouds
- Applications of TLS data in forestry, forest ecology or conservation

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Special Issue

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Editor-in-Chief

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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