Special Issue

Airborne and Terrestrial Laser Scanning in Forests

Message from the Guest Editors

Over the recent years, artificial intelligence, especially the machine learning and deep learning model, has had a significant effect on processing point cloud data and shown great potential in forest resource surveys. In this Special Issue, we welcome new research progress and contributions for forest-related research using airborne and terrestrial laser scanning (or combining other earth observation data). We look forward to novel datasets, new algorithm design or broader application domains in forest resource surveys.

We are looking for papers that focus on forest-related surveys using point cloud data from airborne and terrestrial laser scanning (or combining other kinds of remote sensing data or GIS data), including forest parameter estimation (such as diameter at breast height, tree height, aboveground biomass, leaf area index, etc.), tree detection (such as location, delineation, counting, species classification, etc.) and large-scale forest surveys (such as forest borders, change detection, forest ecosystem, biodiversity, etc.)

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)

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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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