

## Special Issue

# Multi-Source Data Application for Forestry Conservation

### Message from the Guest Editors

Forest and land surveys are essential for sustainable ecosystem management, biodiversity conservation, and climate change mitigation. The rapid development of remote sensing technologies has enabled the acquisition of multi-resolution, timely, and cost-effective spatial information, supporting precise vegetation mapping, forestry conservation, and ecological assessment. This SI research on topics include, but are not limited to, the following: (i) filtering and processing methods for UAV-LiDAR and UAV imagery; (ii) forest monitoring, vegetation classification, and tree species identification; (iii) biomass modeling, carbon storage estimation, NDVI- and EVI-based vegetation indices, wildfire detection, illegal logging detection, and dynamic change detection; (iv) resource surveying, biodiversity assessment, and ecological restoration; and (v) conservation and management strategies in urban forest or national parks. By sharing innovative approaches and case studies, this SI aims to highlight the latest advances in remote sensing technology, fostering a deeper understanding of its potential to support sustainable forestry practices and ecological conservation initiatives worldwide.

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### Guest Editors

Dr. Sisi Yu

Prof. Dr. Zhenyang Hui

Dr. Xiao Wang

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### Deadline for manuscript submissions

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## 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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