

## Special Issue

# Imaging Sensors for Monitoring Forest Dynamics: 2nd Edition

### Message from the Guest Editors

Imaging sensors and sensing technologies are used to collect data for the quantitative assessment of complex traits related to forest growth, phenology, performance, and adaptation to biotic or abiotic stress (disease, insects, drought, heat, and salinity). Technologies enabling the monitoring of forests are rapidly advancing, including visible, multispectral, hyperspectral, thermal, and fluorescence imaging sensors, and 3D light detection and ranging (LIDAR). The Special Issue collates research papers, reviews, and perspectives that highlight the potential and limitations of image sensor technology for forest monitoring, as well as discussing current and future applications in forest management and conservation. This Special Issue welcomes research on imaging sensors, image processing algorithms, imaging techniques, and their applications in forests.

### Guest Editors

Prof. Dr. Huichun Zhang

Prof. Dr. Yufeng Ge

Dr. Yanjie Li

Prof. Dr. Chunyan Wu

Dr. Cong (Vega) Xu

### Deadline for manuscript submissions

30 November 2025



## 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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