

## Special Issue

# Forest Inventory and Forest Carbon Assessments with Remote Sensing Technologies

### Message from the Guest Editors

In this context, national forest inventories represent the most comprehensive and accurate surveys for forest monitoring and forest carbon assessment, and remote sensing data collected from different sensor platforms, exploiting machine learning and deep learning techniques along with ground-acquired data, enable analysis of forest ecosystems and forest carbon assessment at different spatial resolutions. The purpose of this Special Issue is to gather research on forest inventorying and forest carbon assessment through the use of remote sensing optical data from multispectral or hyperspectral sensors, along with the structural data that are often provided by radar and LiDAR sensors, and the integration of data from multiple sources.

### Guest Editors

Dr. Giovanni D'Amico

Dr. Elia Vangi

Dr. Davide Travaglini

### Deadline for manuscript submissions

closed (30 June 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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