

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

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/203358

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).