Special Issue

Methodology and Theory of Forest Parameters Estimation Using Multi-Source Remote Sensing

Message from the Guest Editors

Forest structure and functioning parameters can be directly extracted at the plot level by destructive and/or non-destructive manual measurements, which are widely recognized as expensive and labor-intensive. The advancement of multi-source remote sensing, e.g., airborne laser scanning (ALS), terrestrial laser scanning (TLS), digital aerial photogrammetry (DAP), high spatial resolution (HSR)/super high spatial resolution (VHSR) optical imagery, and near-surface remote sensing, has the potential to revolutionize the way forest parameters are estimated. This Special Issue is open to contributions dealing with many aspects of new insights, current challenges, recent advances, operational use, and future perspectives in the field of forest parameters derived from remote sensing technologies. Contributions on the use of multi- and hyperspectral remote sensing, terrestrial, airborne, and spaceborne laser scanning, and near-surface remote sensing (drones, wireless sensor networks) are welcome. Reviews are also welcomed.

Guest Editors

Dr. Shiming Li

Prof. Dr. Steven L. Petersen

Dr. Cangjiao Wang

Deadline for manuscript submissions

closed (30 October 2024)

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/190100

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

mdpi.com/journal/forests

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/journal/forests

MDPI

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).