



forests

an Open Access Journal by MDPI



Applications of Laser Scanning and Satellite Images in Forest Mensuration—Series II

Guest Editors:

Prof. Dr. Chinsu Lin

Department of Forestry and
Natural Resources, National
Chiayi University, Chiayi 600355,
Taiwan

Prof. Dr. Wenzhi Liao

Department of
Telecommunications and
Information Processing, Ghent
University, 9000 Ghent, Belgium

Deadline for manuscript
submissions:

closed (31 October 2024)

Message from the Guest Editors

Forest mensuration is the key to gathering data and information on forest resources for forest planning and adaptive management. Taking advantage of state-of-the-art remote sensing technologies, forest information including tree-level parameters, stand-level attributes and structures, and ecosystem services can be measured or retrieved through UAV, airborne, and spaceborne platforms with high-resolution optical images and lidar data. This Special Issue intends to highlight the significance of applying lidar scanning and spectral sensing data to gather accurate forest information on MRV processes in plantation forests, secondary forests, and pristine forests. Techniques for retrieving tree parameters, stand attributes, and the structure of forest ecosystems for tropical, temperate, and boreal ecoregions are encouraged. Research on the application of optical sensing data (including RGB, multispectral, and hyperspectral images) and lidar sensing data (including UAV, airborne, and spaceborne data) at variant forest scales are most welcome.



mdpi.com/si/175087

Special Issue



forests



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
[X@Forests_MDPI](https://twitter.com/Forests_MDPI)