forests

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 4.6

Imaging Sensors for Monitoring Forest Dynamics

Guest Editors:

Prof. Dr. Huichun Zhang

Prof. Dr. Yufeng Ge

Dr. Sheng Wen

Dr. Houxi Zhang

Deadline for manuscript submissions:
closed (31 May 2024)

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). Enabling technologies for 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 includes research papers, reviews, and perspectives that highlight the potential and limitations of image sensor technology for forest monitoring, as well as discuss 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.

forests

IMPACT FACTOR 2.5

CITESCORE 4.6

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