





an Open Access Journal by MDPI

Laser Scanning of Forest Dynamics

Guest Editors:

Prof. Dr. Qin Ma

Department of Forestry, Mississippi State University, Mississippi State, MS 39762, USA

Dr. Shichao Jin

Plant Phenomics Research Centre, Academy for Advanced Interdisciplinary Studies, Nanjing Agriculture University, Nanjing, China

Deadline for manuscript submissions:

closed (1 March 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of Forests emphasize mapping, monitoring, and modeling forest vegetation changes through LiDAR and optical imagery, to understanding how forest ecosystems respond to changes in climate, environment, and management strategies. Research articles may focus on, but are not limited to, topics including new approaches for forest vegetation change detection, tree growth modeling, mortality mapping, disturbance and recovery evaluation, and restoration assessment, based on LiDAR and/or optical data. Applicational studies regarding forest biodiversity, wildlife habitat management, restoration, conservation, and plant phenotyping with the help of LiDAR data are also welcome.

Keywords:

- LiDAR
- forest ecosystem
- change detection
- structural mapping
- data fusion

Prof. Dr. Qin Ma Dr. Shichao Jin Guest Editors











an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

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

Message from the Editorial Board

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 - Q1 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us