



forests

an Open Access Journal by MDPI



Computer Application and Deep Learning in Forestry

Guest Editors:

Prof. Dr. Huaiqing Zhang

Prof. Dr. Meili Wang

Prof. Dr. Qiaolin Ye

Prof. Dr. Hua Sun

Prof. Dr. Wangfei Zhang

Deadline for manuscript
submissions:

12 September 2024

Message from the Guest Editors

Technologies such as deep learning (DL) can reproduce expert observations on every single tree in hundreds or thousands of hectares. In recent years, DL techniques have been applied in the field of forestry for aspects such as tree detection, tree species classification, and forest disturbance detection.

Considering the importance and critical requirement for computer application and DL in the monitoring of forests, this Special Issue focuses on collecting new insights, novel approaches and the most recent advances in the field of computer technology and DL application in forestry. We also welcome papers on tree detection, tree species classification, and forest disturbance detection using DL methods.



mdpi.com/si/177727

Special Issue



forests



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

Forests Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI