Special Issue

Artificial Intelligence and Machine Learning Applications in Forestry

Message from the Guest Editors

Smart forestry integrates the key technologies in digital forestry with the new generation of information technology. The development of intelligent forestry needs to further promote the research of intelligent algorithms such as multisource heterogeneous data fusion and machine vision, integrated data mining, model simulation, and intelligent analysis technology into forestry, and achieve high-quality development of forestry on the basis of the continuous improvement of forestry theoretical research. This Special Issue aims to cover the whole range of applications, one or more of these problems can be solved through high-quality research or review papers:Applications of AI tools and applications in forestry￼Forestry deep learning models￼ Recent forestry development trends and application status of information technology in forestry￼Intelligent sensing technology for forestry￼Forestry pattern recognition￼Multimedia and cognitive informatics in forestry￼Application of remote sensing big data and cloud computing in forestry￼Forestry virtual reality;Intelligent forestry equipment.

Guest Editors

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Deadline for manuscript submissions

closed (30 August 2024)

About the Journal

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.

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