

Special Issue

Remote Sensing Approach for Early Detection of Forest Disturbance

Message from the Guest Editors

Forests are vital to the global ecological balance, yet they face numerous threats from natural and anthropogenic disturbances. The early detection of these disturbances is crucial for effective forest management, conservation, and restoration. This Special Issue invites original research articles, reviews, and case studies that explore innovative remote sensing approaches for the early detection of forest disturbances, as well as the ecological environment. Topics of interest include, but are not limited to, the use of satellite and airborne sensors, LiDAR, UAV-based imaging, and advanced image processing techniques such as machine learning and artificial intelligence. We are particularly interested in studies that address the challenges of detecting subtle or gradual changes in forests and ecological environment, distinguishing between different types of disturbances, and integrating multi-source data for comprehensive monitoring, forest species diversity, and ecological factors.

Guest Editors

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Deadline for manuscript submissions

30 September 2025



Forests

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CiteScore 4.4



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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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