

Special Issue

Precise Forestry: Forest Dynamic Change Mapping, Monitoring and Modeling

Message from the Guest Editors

Forests are precious resources and provide ecosystem services that are essential for human well-being. Similarly, the role of forests in climate regulation and carbon sequestration is of global importance. Under climate change and human interference, forest structure, function and related ecosystem services are changing, such as unreasonable structure, forest degradation and carbon loss. Thus, precisely and consistently mapping, monitoring and modelling forest status and dynamic changes in high spatial detail is urgently needed. The combination of field investigation, remote sensing, visualization technology and computer techniques is beneficial to the generation of updated and detailed information, which plays a critical role in supporting sustainable forest management and informing the development of policies. We encourage studies from all fields, including experimental studies, monitoring approaches and models, to contribute to this Special Issue in order to promote knowledge and adaptation strategies for the precise preservation, management, and future development of forest ecosystems.

Guest Editors

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Deadline for manuscript submissions

closed (25 April 2025)



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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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