Special Issue

Digital Modeling for Sustainable Forest Management

Message from the Guest Editors

This Special Issue aims to explore the latest developments and applications of digital modeling in forestry, leveraging cutting-edge remote sensing tools and geospatial technologies to promote the sustainable management of forests. Since improved forest management often supports the sustainable provision of ecosystem goods and services, research focusing on characterizing and mapping forest ecosystem services is also encouraged.

We invite submissions employing remote sensing sources (e.g., optical sensors, laser scanning, radar) and platforms, including proximal (e.g., static/mobile scanners, multi-camera systems, depth sensors, drones), airborne (e.g., airborne laser scanning and imagery), and spaceborne (e.g., GEDI, ICESat-2, ALOS, Landsat, Sentinel satellites, to name a few). Studies integrating traditional field-measured data into 3D models through geographical information systems (GIS) are also welcome. To address global challenges in sustainable forest management, we particularly encourage research demonstrating how digital modeling can bridge the gap between remote sensing innovations and operational forestry practices across diverse regions worldwide.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2026)

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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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