

Special Issue

Mapping and Modeling Forests Using Geospatial Technologies

Message from the Guest Editors

Forests, which cover nearly a third of the Earth's terrestrial surface, are among the most complex and vital ecosystems. This Special Issue invites contributions that leverage geospatial technologies to map and model forest ecosystems. We encourage studies that employ multi-source (e.g., multispectral, hyperspectral, thermal, microwave, LiDAR), multi-scale, and multi-temporal approaches to address key challenges in forest science. We also welcome research exploring smart, consumer-grade, and low-cost geospatial solutions to make forest monitoring more accessible. Potential topics include, but are not limited to:

- Forest inventories and vegetation parameter mapping;

- Detection and monitoring of biotic and abiotic disturbances;

- Forest cover change and dynamics analysis;

- Phenological trends and vegetation dynamics;

- Carbon and ecohydrology modeling in forest ecosystems;

- Long-term forest monitoring techniques.

We invite researchers and practitioners to submit innovative studies that advance our understanding of forest ecosystems through the application of cutting-edge geospatial technologies.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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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