

Special Issue

Forest Characterization Assisted by Remote Sensing Technologies

Message from the Guest Editors

This Special Issue aims to be a collection of novel solutions to enhance forest assessments using remote sensing. Research may include (but is not limited to) the following topics: 1. Remote sensing data fusion to enhance forest attribute prediction and classification;

2. Hyperspectral imagery for tree forest and landscape management and modeling;

3. Unmanned aerial vehicles (UAV) for forest assessments;

4. Remote sensing solutions for forest restoration and ecology;

5. Remote sensing solutions for forest fires assessment and prevention;

6. Terrestrial lidar applications in complex forest environments;

7. Synthetic aperture radar (SAR) applications in forestry;

8. Forest inventory assisted by remote sensing; advanced statistical methods (model-based inference and uncertainty assessment);

9. Forest biometry using photogrammetry and lidar point clouds;

10. Remote sensing for threatened forest environment assessments;

11. Forest disease and plague detection using remote sensing data;

12. Spaceborne lidar applications to forest assessments;

13. Country-wide and global forest assessments;

14. Remote sensing strategies to enhance forest management;

Guest Editors

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Deadline for manuscript submissions

closed (18 August 2024)



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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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