

Special Issue

Applications of Data Science in Forestry

Message from the Guest Editor

Forests play a key role in provision of several ecosystem services. At the same time, the quantity of data on forests has grown significantly, including information from satellite imagery, forest inventories, sensor networks, and long-term ecological monitoring; however, much of this data remains underused or fragmented.

This Special Issue welcomes contributions that apply data science methods (e.g., machine learning, artificial intelligence, geospatial analysis, etc.) to advance forestry research and practice. We are particularly interested in studies that promote the release, integration, or reuse of large-scale forest datasets and contribute to making forest data more accessible and interoperable. Relevant topics include, but are not limited to, forest mortality detection and prediction, multi-source data integration, early warning system development, and decision support tools for forest management. Submissions focused on the valorization of existing datasets, methodological innovations, or applied case studies with relevance to forest policy and planning are particularly encouraged.

Guest Editor

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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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