

Special Issue

Modeling Forest Stand Dynamics, Growth and Yield

Message from the Guest Editor

Forests have a critical role in addressing global issues of sequestering carbon while providing renewable materials and energy as well as a host of ecosystem services. The world's forests are diverse and serve myriad purposes, but, regardless of the management objective, reliable models of forest stand dynamics, growth, and yield are required. Steady progress has resulted from applying increasingly sophisticated quantitative analysis techniques and cutting-edge technologies to measure, monitor, and model trees and stands. However, technical challenges and opportunities remain as forest modeling continues to evolve and advance. Contributions to this Special Issue are encouraged on all aspects of growth and yield modeling, including data collection and analysis, modeling approaches, and model validation and implementation. Forest types ranging from planted monocultures to mixed-species natural stands are of interest, as are parametric and nonparametric approaches to data analysis. This Special Issue aims to provide a benchmark of the state-of-the-art of growth and yield modeling and a glimpse of future research opportunities.

Guest Editor

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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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