Special Issue

Growth and Yield Models for Forests—Second Edition

Message from the Guest Editors

Forests are critical in addressing global issues of sequestering carbon while providing renewable materials, energy, and ecosystem services. Reliable forest stand dynamics, growth, and yield models are required, including stand-level, tree-level, and spatial modeling. Contributions to this Special Issue are encouraged in all aspects of growth and yield modeling, including data collection and analysis, yield tables and allometric equations, parametric and non-parametric approaches, including empirical and process-based models, and model calibration and validation. All forest types, ranging from monoculture plantations to mixed natural stands, are of interest. Seeding, regeneration, recruitment, competition dynamics, and mortality (including biotic and abiotic disturbances) are fundamental parts of the forest ecosystem cycle and are often not considered in model development due to their complex interactions and feedback. Research focused on these key processes is encouraged, as is error assessment and its partitioning in each system compartment, which may provide insight and guidance on future efforts in growth and yield model development.

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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