Special Issue

Modeling of Forest Growth and Stand Dynamics

Message from the Guest Editors

Models represent valuable tools for tackling issues like ecosystem carbon sequestration, helping us to understand the economic implications of silvicultural interventions and providing insights on the impacts of climate change on forests. This Special Issue will focus on comprehensive methods for the empirical modeling of forest growth and stand dynamics, focused mainly on uneven-aged stands. These stands are the consequence of silvicultural treatments in an area of forestry also called selection, continuous cover, multi-aged (individual trees or gaps) and close-to-nature forestry. The Special Issue may open by describing methods for quantifying individual trees or gaps, size-class and individual-tree and gaps approaches for modeling forest stand dynamics in temperate, boreal and tropical forests. Potential topics include, but are not limited to:

- Individual trees modeling in uneven aged forests;
- Forest stand modeling and dynamics in continuous and discontinuous gaps;
- Size classes models for forest stand dynamics;
- Carbon sequestration;
- Implications on climate change;
- Economic alternatives.

Guest Editors

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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.

Editor-in-Chief

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