Special Issue

Impacts of Climate Change on Forest by Using Growth Modeling

Message from the Guest Editors

Climate change is a global issue. Forests are the most important carbon pools in terrestrial ecosystems, accounting for about 30% of the total land area, and are of great significance for alleviating the greenhouse effect. Thus, it is essential that we study the impacts of climate change on forests through growth modeling so that methods of implementing quantitative solutions to forest growth are carried out. This Special Issue will present the most recent research findings in the field of forest growth based on modeling. It aims to provide selected contributions on advances in the methodological innovation of modeling, forest growth and changing environmental factors, forest management to improve forest stability, resistance and resilience, forest structure optimization to enhance ecological services, etc. Potential topics include, but are not limited to:

- New methods of modeling;
- Forest adaption under climate change;
- Quantitative solution of forest growth process;
- Ecological function differing with changing environmental factors;
- Forest management to cope with climate change.

Guest Editors

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Deadline for manuscript submissions

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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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