

Special Issue

Prognosis of Forest Production Using Machine Learning Techniques

Message from the Guest Editor

The prediction of stand structure, biomass, and carbon storage during tree growth is key to further understanding the forest's capacity for climate change mitigation. Moreover, predicting forest production, based on remote sensing data and field data, has progressed substantially in recent years through the application of different machine learning (e.g., vector regression, random forest, artificial neural networks). To strengthen forest management for climate change, this Special Issue on “Prognosis of Forest Production Using Machine Learning Techniques” mainly focuses on new methods and technologies for predicting production in forest ecosystems. This Special Issue welcomes submissions from authors engaged in research on the forest growth model. Potential topics include but are not limited to:

- Machine learning and forest growth;
- Forest growth model;
- Forest production and forest model;
- Forests model and climate change;
- Model prediction and forest growth.

Guest Editor

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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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