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Prognosis of Forest Production Using Machine Learning Techniques

Guest Editor:

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Deadline for manuscript submissions:
closed (1 June 2024)

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.

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Message from the Editor-in-Chief

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