Special Issue

Application of Machine-Learning Techniques in Forestry

Message from the Guest Editors

This Special Issue aims to cover the whole range of machine-learning based methods applied to forestry and forestry engineering. Potential topics include, but are not limited to, the following:

- Forestry machine learning models;
- Intelligent sensing for forestry;
- Cognitive informatics in forestry;
- Forestry virtual reality;
- Intelligent forestry equipment;
- Deforestation detection and prediction;
- Forest degradation and regeneration;
- Forest fire detection and prediction;
- Forest health monitoring;
- Forest cover mapping;
- Species identification;
- Tree phenotype prediction;
- Growth and production prediction;
- Phenology;
- Yield forecasting;
- Sustainable forest management;
- Optimized harvesting;
- Biomass estimation;
- Risk assessment;
- Canopy projection and height estimation;
- Evapotranspiration assessment;
- Forest water resources conservation;
- Forest precipitation analysis.

Guest Editors

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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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