

Special Issue

Research Advances in Management and Planning of Forest Operations

Message from the Guest Editors

The proper planning of forestry operations allows for the effective and timely execution of work, while minimising the adverse impact on the environment. The integration of sensors and data transfer has enabled forestry machines to become components of the Internet of Things, facilitating the efficient and precise management of the whole supply chain. However, the forest environment presents unique challenges for IT solutions due to its extreme conditions and remote locations, as well as the limitations of personal training, which necessitates the utilisation of sophisticated machine learning methodologies for analysis.

Topics of interest include, but are not limited to, the following:

Productivity of forest works: analysis and optimisation;
The use of simulations for the optimal design of supply chains;
Data transfer amongst the actors of forest supply chains and use of StanForD2010;
Precision forestry;
The environmental impact of forest operations and organisational remedies;
Possibilities of automation or remote operation;
Human factors: ergonomic aspects of forest works and the need for training;
Challenges and limitations of technical developments in forestry.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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