

## Special Issue

# Decision Analysis and Optimal Strategies for Forest Operations and Management

### Message from the Guest Editors

In forestry operations, the sustainability concepts with their principles and environmental indicators are based on using forests and forest lands in a way, and at a rate, that maintains their biodiversity, productivity, regeneration capacity, and vitality.

This Special Issue aims to welcome contributions related to Decision Analysis and Optimal Strategies for Forest Operations and Management. Review and research papers are suitable contributions. In particular, contributions covering the following sub-topics are welcome: innovative machines or work methods; technology developments applied to forest operations management, monitoring, or control; life cycle and other sustainability analyses of these activities; safety improvements regarding work techniques, tools, and machines; analysis and evaluation of environmental impacts caused by machinery in forest operations; and finally, assessment of wood quality in the forest wood supply chain through the development of Non-Destructive Technologies (NDTs) capable of predicting the intrinsic properties of wood from individual standing trees to the final product.

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### Guest Editors

Dr. Salvatore F. Papandrea

Dr. Stanimir Stoilov

Dr. Andrea R. Proto

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### Deadline for manuscript submissions

closed (31 January 2025)



## Forests

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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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### Editor-in-Chief

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