

## Special Issue

# Forest Mechanization and Harvesting—Trends and Perspectives

### Message from the Guest Editors

Increased societal awareness of the importance of forests in climate change mitigation, has brought more attention to forest harvesting. Now is the time to produce woody raw materials at an unprecedented level of quality using sustainable, economically efficient, and ethical methods. Forestry firms and companies need to remain competitive in the forest product and bioproduct market, hence the introduction of innovation must be tested against work efficiency. Forests are spatially distributed resources that benefit from a local supply chain perspective of harvesting operations. Precision Forestry allows finer scale management for forest products thanks to improved decision support systems and purpose-built real-time assistive tools. This Special Issue focuses on the topic of wood resource extraction (timber, firewood, paper pulp, woodchips, etc.) aimed to supply emerging industrial needs, and in particular:

- Operator safety and ergonomics;
- Improved work efficiency;
- Integrated harvesting;
- Traceability along the supply chain from forest to end user;
- Yarding technology;
- Low soil impacting machines or techniques;
- Advanced technologies in forest and biomass harvest.

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### Guest Editors

Dr. Fabio De Francesco

Consiglio Nazionale delle Ricerche, Rome, Italy

Prof. Dr. Jingxin Wang

Center for Sustainable Biomaterials & Bioenergy, West Virginia University, Morgantown, WV, USA

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### Deadline for manuscript submissions

closed (30 June 2024)



## Forests

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*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

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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

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,  
I-25121 Brescia, Italy

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