

Special Issue

Harvesting, Processing and Management of Specialty Forest Products and Biomass

Message from the Guest Editors

This Special Issue welcomes contributions on technological innovations across the entire value chain of specialty forest products and forest grass resources, including, but not limited to, the following areas: 1.

Harvesting and Processing of Specialty Forest Products:

- Equipment and system development for specialty forest product harvesting and processing (e.g., Walnut, Lycium barbarum, Blueberry, Soapberry, Grape, Camellia fruit, Torreya).
- Quality detection and production forecasting of specialty forest products, alongside quality assessment of forest biomass-derived materials.

2. High-Value Utilization of Agricultural and Forestry Biomass:

- Efficient utilization technologies and equipment for forest and grass biomass.
- Energy conversion through compression moulding, gasification, liquefaction, and pretreatment.

3. Intelligent Forestry Operations:

- Route planning and operation management.
- Monitoring of operations, perception, and decision-making systems for forestry machinery.

4. Sustainability Assessment and System Optimization:

- Life cycle assessment of harvesting and processing technologies.
- Techno-economic analysis of integrated production systems.

Guest Editors

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Deadline for manuscript submissions

20 April 2026



Forests

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Impact Factor 2.5
CiteScore 4.6



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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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).