

# 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.

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### Guest Editors

Dr. Xiaopeng Bai

Prof. Dr. Wenbin Li

Dr. Ruifang Dong

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### Deadline for manuscript submissions

20 April 2026



## 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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JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

#### Rapid Publication:

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