

## Special Issue

# Forest Wood Management from Upstream to Downstream Industries

### Message from the Guest Editors

Forest management processes are on the verge of leveraging advanced technology to ascertain vital information about the dynamics of woods, which are among the most crucial ecological assets known to man. Satellite imagery, drone technology, and artificial intelligence are examples of hard and soft technologies used to assess the quality of forest woods, undertake bushfire risk assessments, and mechanize the harvest of standing trees. However, nondestructive evaluation and the grading of wood products are essential in downstream sectors such as construction. As such, this Special Issue aims to highlight advanced technologies used to address the abovementioned issues by providing selected contributions on the management of upstream and downstream forestry-related industries. Potential topics include, but are not limited to:

- Artificial intelligence in forest management;
- The risk assessment of bushfires;
- Mechanized harvesting of standing trees;
- Machine learning for wood material grading;
- Nondestructive evaluation of wood products.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2023)



## 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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