Special Issue

Operations, Machinery, and Transportation in Forestry Timber Harvesting

Message from the Guest Editors

Forests represent a significant reality in environmental, social and cultural terms, and their multifunctional potential is notable. In recent years, the availability of woody biomass has favoured the spread of technological innovation in timber harvesting operations with the application of work systems even at a high level of mechanization. However, forestry mechanization oscillates between tradition and innovation and the reasons for this are manifold. Consequently, technology in the forestry sector is slow to spread, due primarily to a lack of planning of interventions and poor exchange of information among forestry workers. Furthermore, commitments to sustainable development have resulted in a greater awareness of the need to reduce excessive industrialization by encouraging the use of renewable energy sources. In this context, this special issue aims to welcome contributions related to operations, machinery, and transportation in forestry timber harvesting in the form of review papers and research contributions.

Guest Editors

Dr. Maria Francesca Cataldo

Prof. Dr. Stelian Alexandru Borz

Dr. Ebru Bilici

Deadline for manuscript submissions

5 September 2025



Forests

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/207590

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

mdpi.com/journal/ forests





Forests

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

