Special Issue

Forest Operations and Forest Road Networks Design

Message from the Guest Editor

This Special Issue will consider recent work in forest operations and forest road design. It will begin by describing the use of new data capture such as LiDar and laser scanning devices to collect information for construction or maintenance operations, and new methods to identify key elements to be avoided or included in the road design. Additionally, manuscripts are encouraged that describe new technologies for the improvement of construction practices that lead to economic and environmental gains for forest roads constructions, including road drainage structures. Another area to be considered is the integrated design of harvesting and roading systems to optimize the total extraction costs from forests. We are especially interested in how tethered logging will influence road spacing problems.

Guest Editor

Prof. Dr. Kevin Boston

Department of Forestry and Wildland Resources, Humboldt State University, Arcata, CA 95521, USA

Deadline for manuscript submissions

closed (21 February 2023)



Forests

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/126422

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).

