Special Issue

Planning, Design, and Maintenance of Forest Road Networks

Message from the Guest Editors

This Special Issue will include manuscripts that describe new methods to plan, construct, and maintain forest roads. The papers will address at least one of the following issues: economic efficiency, improved environmental performance, or improvements in road safety. Applications of advanced remote sensing to collect data, or policy for the management of forest roads are welcome. Topics for submissions may include, but are not limited to:

- Forest road planning;
- Forest road construction:
- Forest road maintenance;
- New technologies including remote sensing applied to forest road planning, design, and maintenance;
- Optimum road spacing and optimum road density;
- Decision-making and problem-solving apply to the development of the forest road network;
- Ecological effect of forest roads;
- Forest road and soil erosion:
- Forest road drainage systems;
- Forest road decommissioning;
- Construction and maintenance costs:
- Forest road network and landscape.

Guest Editors

Dr. Stefano Grigolato

Dipartimento Territorio e Sistemi Agro-Forestali, Università degli Studi di Padova, Viale dell'Università 16, 35020 Legnaro PD, Italy

Dr. Kevin Boston

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

Deadline for manuscript submissions

closed (10 December 2020)



Forests

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/26654

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).

