

Special Issue

Advancements in Forest Engineering Technologies and Sustainable Practices

Message from the Guest Editors

The unprecedented role of modern and sustainable forestry is to apply methods consistently with the developed practices of forestry in the pursuit of its production goals while delivering the expected benefits to society and thus minimizing the risk of social dissatisfaction. We hope this Special Issue will provide an excellent forum for a wide range of scientists to share their experiences, achievements, and views in identifying threat sources, pointing out directions and goals for forest engineering development and forest management, and presenting particular solutions to the problems diagnosed.

- Natural disasters in forests (fire, flood risk, erosion, debris transport, landslides and so on): technical methods to prevent, mitigate, and support recovery.
- Optimizing the planning, construction, and maintenance of forest road networks.
- Road construction materials that meet the demands for the wide availability of multifunctional forest complexes.
- The impact of construction infrastructure on the forest environment.
- Innovative remote control and monitoring systems in forests.
- Technical and organizational measures to improve the social functions of forests.

Guest Editors

Dr. Sylwester M. Grajewski

Dr. Ewa E. Kurowska

Prof. Dr. Stelian Alexandru Borz

Deadline for manuscript submissions

31 January 2026



Forests

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Impact Factor 2.5
CiteScore 4.6



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

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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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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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).