

## Special Issue

# New Research Developments on Forest Road Planning and Design

### Message from the Guest Editors

Today, forest access is about more than just roads; it involves integrating technological solutions with society's needs whilst respecting nature. Integrating new technologies, e.g., machine learning, artificial intelligence, advanced technical devices, or new software tools, can offer solutions that will advance forest road planning, design, and construction in the future. Starting with the basics of forest road network planning and routing, forest road density, spacing, and their technical influence on skidding and timber transport technologies are crucial. Appropriate forest road routing affects surface and subsurface water runoff conditions. The shape and parameters of changing cross-profiles can also affect these conditions. On the other hand, such parameters are influenced by the role of timber transport. Different soil conditions and better local soil management at the construction site are important. The use of local aggregate resources in connection with land disturbance and economic factors is beneficial. The approach to forest access is changing. We encourage you to submit your research results for publication in this Special Issue of *Forests*.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2025)



## Forests

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### 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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