

Special Issue

The Role of Spatial Analysis in Planning Multi-Functional Forest Roads and Transport Routes

Message from the Guest Editors

Forestry management is an important component of sustainable land use, which aims to provide economic, environmental, and social benefits. Forest roads and the planning of optimal transport routes are crucial in facilitating access to forest resources, enabling the transportation of forest products and workers and supporting conservation efforts. However, the development and use of forest roads can also negatively impact the environment. Therefore, planning and managing forest roads and transport routes in a way that balances their various functions is essential. In recent years, spatial analysis has emerged as a cutting-edge research area for planning and managing forest roads and transport routes. This involves using geographic information systems (GIS) and other geospatial tools to analyze spatial data and make informed decisions about the location and design of forest roads and optimization of transport routes. The scope of this topic includes various aspects of forest road planning and management, including road location, design, construction, and maintenance, as well as the use of geospatial tools for analyzing and visualizing forest road data.

Guest Editors

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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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