



Sustainable Forest Operations: New Proposals, Innovations and Challenges

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Message from the Guest Editors

Interest in collectivity on forests has increased in recent years. Moreover, a lot of attention has been paid to maintaining and improving ecosystem services provided by forests, and it is expected to grow further in the future. In this context, the importance of wood as a renewable material is evident worldwide, and the sustainability of wood harvesting must be guaranteed through modern, efficient and well-planned forest operations. One of the main roles of research in our field is to support and enhance new solutions aiming at the principles of sustainable forest operations.

For these reasons, the aim of this Special Issue is to collect new proposals and knowledge around different aspects oriented to sustainable forest operations, such as i) optimization of productivity in terms of both quantity and quality; ii) innovative planning of forest operations, including remote-sensing and ICT; iii) innovations in mechanization aimed at increasing the efficiency and/or safety of operations; iv) innovative approaches in reducing environmental impacts related to forest operations; v) forest road planning; and vi) analysis and innovations about the health and safety of forest workers.





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