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Effects of Forest Management Practices on Forest Biodiversity

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Message from the Guest Editor

Dear Colleagues,

Human activities are affecting practically all ecosystems around the globe. In some cases, the changes have been drastic, and in the human time horizon, permanent. In some cases, the changes are less extreme, but definitely do have biodiversity impacts. Increasing population and, at the same time, an increasing demand for replacing the use of non-renewable natural resources with renewable ones, is expected to increase the need for the active management of forests.

Forest scientists and ecologists have developed models for making scenarios of the development of forests under different management practices and other disturbances. To better understand the trade-offs between different ecosystem services, especially biodiversity and timber/bioeconomy production, we invite research articles on scenario analyses done at the regional or national levels. Research questions may include: Future development of forest biodiversity under different forest use scenarios, mitigating the impacts of forest management on biodiversity, comparison of alternative cutting regimes, cost-effective management of forest biodiversity.

Dr. Kari T. Korhonen
Guest Editor



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