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Sustainable Forest Management: Past, Present, Future

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Message from the Collection Editor

Forests are globally significant carbon sinks and stocks, and provide many provisioning, regulating, supporting, and cultural ecosystem services, respectively. However, there is a pressure to increase the intensity of management and utilization of forest resources, to satisfy the increasing demand for wood for the growing bioeconomy. At the same time, the multiple needs and targets of forest owners and society as a whole must be sustained. Large uncertainties exist also in the expected climate change and its impacts on forests and forestry in different European regions. In addition, the responses of forests to climate change may vary largely depending on the region, forest structure, management and severity of climate change. Thus, there is an urgent need to adapt to the climate change. At the same time, climate change should be mitigated. We encourage both experimental and simulation-based studies, to contribute to this Special Issue in order to promote knowledge on pre-conditions for sustainable forestry under changing operative environment, which is crucial for decision making in forestry.



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Topical Collection



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