



## Natural Disturbances under Climate Change: Challenges, Trends, and Management Implications

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### Message from the Guest Editors

Global climate change is already altering forest disturbance regimes and further changes are expected to have major implications on forest ecosystem structure and dynamics. Climate change is altering the frequency, intensity, and extent of drought, wildfire, wind, insect outbreaks, and introducing novel disturbances to some forest ecosystems. Changed disturbances affect ecological processes occurring across multiple scales of space and time. This could drive shifts in forest landscape mosaic composition and possibly forest ecosystem state transitions that could have major socio-ecological consequences, particularly for forest resource-dependent communities.

This Special Issue aims to increase our understanding of how forest disturbances impact forest ecosystem structure and dynamics, providing knowledge to inform adaptation strategies for sustainably managing forests in a changing climate using innovative methodologies in natural disturbances under climate change and highlighting implications for the sustainable management of forest resources. We encourage contributions from around the world in all fields of study related to forest ecology and sustainable forest management.





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