



Management and Restoration of Post-disturbance Forests

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Message from the Guest Editors

Anthropogenic and natural disturbances shape forest systems by affecting their composition, structure, and functional processes. Natural disturbances may be abiotic or biotic, and anthropogenic disturbances. Different types of disturbances and their different levels have varying impacts on forests. Growing evidence of the considerable changes in disturbance regimes particularly increases in frequency, scale, and severity requires forest managers to pay increasing attention to the resilience of the ecosystem to disturbances.

The scope of this Special Issue is the management and restoration of post-disturbance forests using eco-engineering and ground bioengineering techniques, both of which fall within the sciences of forest ecology, silviculture, forest management, and forest economics and policy. The main topics are flood and soil protection, postfire regeneration, re-forestation, slope protection from hazards such as erosion, landslides, avalanches, rock falls, etc., post-disturbance treatments, and ground bioengineering methods integrated with natural or man-made materials to obtain fast, effective, and economic methods for restoring forests and the natural environment.





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