



Forest Restoration and Regeneration after Natural Disasters

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Message from the Guest Editors

The forests are of Earth's most biodiverse and carbon-dense ecosystems and provide important ecosystem services at both local and global scales. However, natural and anthropogenic disasters (i.e., mining, fire, hurricanes) are the main drivers that threaten forest ecosystems. They can trigger biodiversity loss and forest degradation, and consequently the release of greenhouse gas emissions and increased effects of global climate change. Thus, integrating the knowledge and understanding of how multiple factors shape forest recovery after natural and anthropogenic disasters can significantly increase the effectiveness of attempts to mitigate climate and biodiversity crises.

This Special Issue aims to increase our understanding of how natural and anthropogenic disasters affect forest ecosystems' diversity, structure, functioning, and dynamics, providing knowledge to inform adaptation strategies for the restoration, rehabilitation, and sustainable management of forests. We encourage contributions from around the world in all fields of study related to the ecological restoration of forest ecosystems based on methods typically used in contrasting context-dependent conditions.





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