

Special Issue

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

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.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2022)



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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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