



forests

an Open Access Journal by MDPI



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

Guest Editors:

**Prof. Dr. Miguel Montoro
Girona**

Dr. Elizabeth Campbell

Prof. Dr. Yves Bergeron

Deadline for manuscript
submissions:

closed (20 March 2022)

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.



mdpi.com/si/45023

Special Issue



forests



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank: JCR - Q1 (*Forestry*) / CiteScore - Q1 (*Forestry*)

Contact Us

Forests Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI