



forests



an Open Access Journal by MDPI

Forest Dieback and Tree Mortality Risks from Environmental Changes

Guest Editors:

Dr. Michele Colangelo

Pyrenean Institute of Ecology,
Spanish National Research
Council (CSIC), Zaragoza, Spain

Dr. Jesús Julio Camarero

Pyrenean Institute of Ecology,
Spanish National Research
Council (CSIC), Zaragoza, Spain

Deadline for manuscript
submissions:

closed (25 July 2023)

Message from the Guest Editors

Die-off episodes related to extreme climate phenomena such as droughts are revealing the high vulnerability of forests worldwide. A high susceptibility of some species, stands or individuals to show a progressive loss in tree vitality, growth decline and a reduction in productivity in response to drought and heat stress is observed. Understanding the triggers of such die-off events, characterizing their productivity and growth drops, and searching for early warning signals of dieback and growth decline have emerged as one of the greatest challenges for the forest community.

We encourage researchers to contribute to this Special Issue of the journal *Forests* focusing on “**Forest Dieback and Tree Mortality Risks from Environmental Changes**” in order to promote knowledge on the drivers, patterns, mechanisms and consequences of these events. Studies involving empirical, retrospective and prospective approaches and using multiple disciplines (ecophysiology, dendroecology, pathology, climatology, quantitative wood anatomy) and proxies of forest productivity and tree functioning (e.g., remote sensing, wood anatomy, stable isotopes, etc.) are welcome.



mdpi.com/si/97693

Special Issue



forests



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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.

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 - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/forests
forests@mdpi.com
[X@Forests_MDPI](https://twitter.com/Forests_MDPI)