



Dieback on Drought-Prone Forest Ecosystems

Guest Editors:

Dr. Raúl Sánchez-Salguero

Dpt. Sistemas Físicos, Químicos y Naturales, Universidad Pablo de Olavide, Ctra. Utrera Km 1, 41013 Sevilla, Spain

Dr. Luis Matías

Dpt. of Animal Biology, Plant Biology and Ecology, University of Jaén. Campus Las Lagunillas s/n, 23071 Jaén, Spain

Dr. Jesús Julio Camarero

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

Deadline for manuscript submissions:

closed (20 March 2020)

Message from the Guest Editors

The world is rapidly getting warmer, and mortality events rose over the past 30 years in forest ecosystems through growth decline, loss of vigour, and in many cases, death, revealing the high vulnerability of many forests in all biomes. These episodes have the potential to rapidly alter ecosystem services, with important implications for the carbon–water balance, nutrient cycling, and population and community dynamics.

This Special Issue of *Forests* calls to join efforts to improve our understanding of how ecosystems respond to changes in climate and which functional or structural traits make some species more prone to dieback and mortality episodes. We propose multidisciplinary contributions using varied disciplines such as ecophysiology, functional ecology, forest pathology, dendroecology, remote sensing, and modelling. Authors should address ecological and management aspects, including mitigation and adaptation to the environmental risks faced by forests globally. Contributions including experimental, observational, and theoretical studies are welcome for any biomes or scale.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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