



forests



an Open Access Journal by MDPI

Forest Tree Stress Biology: From Fundamental Research to Emerging Opportunities

Guest Editors:

Dr. Gloria Pinto

CESAM (Centre for Environmental and Marine Studies) and Department of Biology, University of Aveiro, Aveiro, Portugal

Dr. JOANA AMARAL

CESAM (Centre for Environmental and Marine Studies) and Department of Biology, University of Aveiro, Aveiro, Portugal

Dr. Jorge Martin Garcia

University of Valladolid and Sustainable Forest Management Research Institute, Spain.

Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

The objective of this Special Issue in *Forests* is to summarize state-of-art knowledge on Forest Tree Stress Physiology by exploring all players involved in the stress response chain: from the drivers to the mechanisms involved in plant–environment interactions. Moreover, we would like to report if basic plant research discoveries are being translated into technologies or approaches that may improve forestry adaptation and surveillance—a vital issue in meeting the foreseen climate-related challenges. Review articles and original research papers in forest trees related with all forms of biotic and abiotic stress, including plant physiology approaches (from classical physiology to molecular techniques), are welcome.

Dr. Gloria Pinto

Dr. Joana Joana

Dr. Jorge Martin Garcia

Guest Editors



mdpi.com/si/41710

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](https://twitter.com/Forests_MDPI)