



forests

an Open Access Journal by MDPI



Radial-Growth and Wood Anatomical Responses to Climate Change

Guest Editors:

Dr. Jesús Julio Camarero

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

Dr. Raúl Sánchez-Salguero

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

Dr. Angela Luisa Prendin

Department of Land,
Environment, Agriculture, and
Forestry, University of Padova,
Padua, Italy

Deadline for manuscript
submissions:

closed (24 December 2021)

Message from the Guest Editors

Wood is a major biotic reservoir for long-term carbon sequestration. Therefore, we need a better understanding on how trees and other woody plants (shrubs) respond to climate change. Studies on radial growth and quantitative wood anatomy are two relevant sources of information on the responses of woody plants to climate.

This issue of *Forests* calls for studies on the responses of radial growth and the wood anatomy of forests and scrublands to climate change. We expect contributions focused on dendroecology, dendroclimatology and wood anatomy investigating the responses of trees and shrubs to climate trends and to extreme climate events as droughts or frosts. We encourage studies on the broad field of tree-ring and wood anatomy sciences, providing research on observed and projected tree performances under climate change. Studies addressing ecological aspects based on these disciplines and contributing mitigation, resilience and adaptation strategies for woody communities and tree and shrub populations as related to climate change will be considered. Contributions including experimental, observational, modeling and theoretical studies focusing on woody plants are welcome.



mdpi.com/si/64155

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)