



forests

an Open Access Journal by MDPI



Using Dendrochronology to Extract Climate Change Impact over Past Decades

Guest Editors:

Dr. Julián Cerano-Paredes

Dr. Mariano Martín Amoroso

Dr. José Villanueva-Díaz

Deadline for manuscript
submissions:

closed (12 June 2023)

Message from the Guest Editors

Dendrochronology is a science that uses tree rings dated to their exact year of formation to reconstruct at centuries or millennial scales the variability of events affecting tree growth. Dendrochronology has a variety of applications and depending on the objective or objectives takes different names—e.g., dendroclimatology, dendroecology, dendrohydrology, or dendrogeomorphology. In the last few decades, millennial-length chronologies have been developed and used to analyze historical climate variability, climatic trends, and the impact of climate warming. This Special Issue aims to determine the recent effects of climate change on the ecosystems at local, regional, or national level using the different disciplines of dendrochronology.

Based on the increased interest in determining the effect of climate warming on different ecosystems worldwide, we extend an invitation to scientists, climate experts, and research professors at universities or from different educational institutions to publish their research findings in this Special Issue. Research studies based in dendroclimatology, dendroecology, dendrohydrology, and dendrogeomorphology are preferably welcome.



mdpi.com/si/135624

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