

Special Issue

Dendrochronology Beyond the Ordinary: Understanding Wood Formation and Climate Change (2nd Edition)

Message from the Guest Editors

Dendrochronology is a powerful tool that allows us to "travel" through time, providing insight into the past through information about climates, environmental changes, and key events, stored in the growth rings. Dendrochronology also provides information to decipher how plant species, especially trees, adapt to environmental changes and predict future ecosystem dynamics. Xylogenesis, the intricate process of wood formation, is the fundamental substrate that underpins this chronology and gives it precision and authenticity. Through xylogenesis, dendrochronology bridges the temporal divide and provides a deeper scientific understanding of our world. We are pleased to invite you to contribute to the Special Issue "Dendrochronology Beyond the Ordinary: Understanding the Wood Formation and Climate Change".

The purpose of the Issue is to gather the necessary data for advancing dendrochronology and its applications. Data is not limited to dendrochronology and xylogenesis but also involves the wider area of anatomical responses of wood to the environment. The collected knowledge will serve for our time travel and aid our research aiming to advance dendrochronology and its use.

Guest Editors

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About the Journal

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.

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