Special Issue

Insights of Dendrochronology Based on Forest Dynamics, Fire History, and Climate Change

Message from the Guest Editor

This special issue is soliciting research related to the following several key areas:

- Multiscale Analysis: Researchers are moving beyond single-scale studies to explore forest dynamics, fire history, and climate change at multiple spatial and temporal scales. This approach provides a more comprehensive understanding of the complex interactions between these factors.
- Integration of Multiple Data Sources: Dendrochronologists are integrating data from various sources, including tree rings, fire scars, satellite imagery, and climate records, to improve the accuracy and resolution of their reconstructions.
- Climate Change Impacts: There is a growing emphasis on understanding how climate change alters forest growth patterns, fire regimes, and species distributions. Researchers are exploring the potential consequences of these changes for forest health and resilience.
- Modeling and Simulation: Advances in modeling techniques enable dendrochronologists to simulate past and future forest dynamics, fire behavior, and climate change scenarios. These simulations can inform forest management strategies and conservation efforts.

Guest Editor

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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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