Special Issue

Ecological Responses of Forests to Climate Change

Message from the Guest Editors

We are now facing the realities of global climate change, with the frequency and intensity of catastrophic extreme weather drastically increasing. This Special Issue focuses on quantifying the multidimensional responses of forest ecosystems to varying intensities of extreme weather events. Key areas of interest include abnormal litter production and decomposition, physiological responses of different forest types, changes in hydrological cycles, changes in fauna and microorganisms in forests, shifts in soil's physical and chemical properties, etc. In addition, particular attention has been paid to the selection of evaluation indicators for the impact of extreme weather events on forest ecosystems. Understanding these processes is essential for predicting the impact of extreme weather on forest structure and function. This Special Issue emphasizes the importance of long-term, in situ studies to capture the temporal dynamics and contextual nuances of forest responses, aiming to enhance our ability to safeguard forest health and sustainability, thereby informing more effective conservation strategies for future challenges.

Guest Editors

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Deadline for manuscript submissions

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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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