

Special Issue

Dieback on Drought-Prone Forest Ecosystems

Message from the Guest Editors

The world is rapidly getting warmer, and mortality events rose over the past 30 years in forest ecosystems through growth decline, loss of vigour, and in many cases, death, revealing the high vulnerability of many forests in all biomes. These episodes have the potential to rapidly alter ecosystem services, with important implications for the carbon–water balance, nutrient cycling, and population and community dynamics.

This Special Issue of *Forests* calls to join efforts to improve our understanding of how ecosystems respond to changes in climate and which functional or structural traits make some species more prone to dieback and mortality episodes. We propose multidisciplinary contributions using varied disciplines such as ecophysiology, functional ecology, forest pathology, dendroecology, remote sensing, and modelling. Authors should address ecological and management aspects, including mitigation and adaptation to the environmental risks faced by forests globally. Contributions including experimental, observational, and theoretical studies are welcome for any biomes or scale.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2020)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).