

Special Issue

Tree Responses to Drought

Message from the Guest Editor

Drought-induced tree mortality is expected to increase in many regions under current climate change scenarios. Shifts in forest community composition and structure driven by changes in interspecific and intraspecific competition are very likely to occur, as water becomes an increasingly limiting resource in the future. Owing to the large variation in root, crown, and hydraulic architecture as well as physiological traits, trees respond to drought in various ways, with a high degree of inter- and intra-species specificity. Moreover, the environmental conditions commonly change spatially across a species' distribution range and also temporally with life stage. This Special Issue is calling for original, innovative papers on anatomical, morphological, molecular, and physiological tree responses to drought at all levels of organization, from the seedling phase to the mature stage. Dr. Martin K.-F. Bader

Guest Editor

Dr. Martin Bader

Senior Lecturer in Ecology, School of Science, Auckland University of Technology, 34 St Paul St, Auckland 1010, New Zealand

Deadline for manuscript submissions

closed (20 December 2021)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/30441

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

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).