forests

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 4.6

Patterns and Biotic Drivers of Tree Mortality in Diverse Forests in the Anthropocene

Guest Editor:

Dr. Kateryna Davydenko
1. Department of Forest Mycology and Plant Pathology, Swedish University of Agricultural Sciences, Almas Allé 8, 750 07 Uppsala, Sweden
2. Ukrainian Research Institute of Forestry & Forest Melioration, 86 Pushkinska St., 61024 Kharkiv, Ukraine

Deadline for manuscript submissions:
closed (30 January 2024)

Message from the Guest Editor

Tree mortality is a complicated process that typically involves several different predisposing, inciting, and contributing climatic and biotic factors, resulting in tree decline and dieback. Determining where and why tree mortality events increase, and how these drivers affect certain tree taxa, are central questions in the study of forest processes. Numerous studies on tree mortality are advancing the representation of biology, dynamics, and ecologically different biotic drivers, but require more empirical knowledge regarding the most common drivers and their subsequent mechanisms. An awareness of the biotic drivers of tree mortality can also contribute to the understanding of associated ecological and evolutionary consequences of biotic interactions along environmental gradients.

This Special Issue welcomes recent research focused on elucidating mechanisms driving massive and background tree mortality, with special emphasis on different biotic drivers. Thus, this Special Issue promotes the dissemination of knowledge in the preservation of diversity and resilience in forest ecosystems.

forests

IMPACT FACTOR 2.5

CITESCORE 4.6

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
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)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
𝕏@Forests_MDPI