

Special Issue

Forest Diversity and Stand Structure

Message from the Guest Editors

Forest community diversity and structure are central topics in ecology, particularly in studies on conservation and sustainable management. These concepts refer to the variety of plant species and their abundance, taking into account ecological and functional characteristics, as well as their organization within the ecosystem, including their distribution across different strata, density, biomass, and the ecological interactions that determine their coexistence. These aspects are influenced by abiotic factors such as soil, climate, and nutrient availability, as well as biotic factors like competition, predation, and symbiotic relationships. Analyzing diversity and structure is essential for understanding ecosystem dynamics, as it can help predict responses to environmental changes and develop conservation strategies that preserve the integrity and functionality of forest ecosystems. This Special Issue aims to provide selected contributions to understanding how species are organized and how their interactions can help maintain ecosystem services, such as climate regulation, nutrient cycling, and the provision of habitats for wildlife.

Guest Editors

Prof. Dr. João Tavares Calixto Júnior

Regional Flora Laboratory, Regional of Cariri University-URCA, Crato, CS, Brazil

Dr. Maciej Pach

Department of Ecology and Silviculture, University of Agriculture in Krakow, 31-120 Krakow, Poland

Deadline for manuscript submissions

closed (15 May 2025)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/218916

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).