



Fungal Diversity in Forests

Guest Editors:

Dr. Bernardo Ernesto Lechner

Instituto de Micología y Botánica,
Universidad de Buenos Aires-
CONICET, DBBE, Buenos Aires,
Argentina

Dr. Izabela Katucka

Department of Algology and
Mycology, Faculty of Biology and
Environmental Protection,
University of Lodz, Banacha
12/16, 90-237 Lodz, Poland

Dr. Viktor Papp

Department of Botany, Institute of
Agronomy, Hungarian
University of Agriculture and Life
Sciences, Ménési Street 44, H-
1118 Budapest, Hungary

Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Dear Colleagues,

The study of fungal diversity in forests has significantly evolved, with such changes being driven by a growing recognition of fungi's crucial ecological roles and impacts on forest ecosystems. Fungi, once overshadowed by plants and animals, have now gained prominence in ecological research. They play essential roles in nutrient cycling, decomposition, and mycorrhizal associations with trees and are highly sensitive to environmental changes.

This Special Issue will provide a comprehensive overview of current research into fungal diversity in forests and its broader ecological implications. It highlights various aspects of this field, including taxonomy, community ecology, functional roles, conservation, and responses to environmental changes.

The scope of this Special Issue includes exploring novel fungal species, investigating fungal communities' composition and dynamics, understanding their roles in nutrient cycling and symbiotic interactions, assessing the impacts of environmental stressors, and exploring biotechnological applications. Researchers worldwide are invited to contribute their insights in this evolving field.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

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

Message from the Editorial Board

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 - Q1 (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