



forests

an Open Access Journal by MDPI



Soil Faunal Diversity and Ecological Functions in Forest Ecosystems

Guest Editors:

Prof. Dr. Pengfei Wu

Institute of Qinghai-Tibetan
Plateau, Southwest Minzu
University, Chengdu, China

Prof. Dr. Manqiang Liu

Soil Ecology Lab, College of
Resources and Environmental
Sciences, Nanjing Agricultural
University, Nanjing, China

Deadline for manuscript
submissions:

closed (20 June 2023)

Message from the Guest Editors

Forests play an important role in climate mitigation, water purification, soil health maintenance, biodiversity conservation and biosphere stability. Especially under the ongoing global change, the roles of forests in terrestrial biodiversity protection and the global biogeochemical cycle are being increasingly recognized. Soil fauna, including macrofauna, mesofauna, and microfauna, are irreplaceable components of soil biodiversity or soil food web.

Global changes induced by human activities have threatened soil fauna diversity and functions in forest ecosystems, but the determinant factors of responses, functions, and managements remain unclear. Therefore, a broad scope of topics are welcomed, including the spatiotemporal distribution of soil fauna, their responses to climate change and anthropogenic factors, their interactions with plant aboveground subsystems, as well as their multiple ecosystem functions (e.g., element cycling, soil restoration and forest productivity). The focus of this Special Issue is on soil faunal diversity and functions in forest ecosystems.



mdpi.com/si/137332

Special Issue



forests



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](https://twitter.com/Forests_MDPI)