



Plant-Soil Interactions under Abiotic or Biotic Stresses

Guest Editors:

Dr. Zuoqiang Yuan

School of Ecology and
Environment, Northwestern
Polytechnical University, Xi'an
710129, China

Dr. Guigang Lin

Institute of Applied Ecology,
Chinese Academy of Sciences,
Shenyang, China

Dr. Cristina Aponte

School of Ecosystem and Forest
Sciences, Faculty of Science,
University of Melbourne, 500
Yarra Boulevard, Richmond, VIC
3121, Australia

Deadline for manuscript
submissions:

closed (22 February 2023)

Message from the Guest Editors

Dear Colleagues,

Plant–soil interactions describe a wide range of physical, biological, and chemical effects exerted by soils on plant performance, growth, and reproduction, as well as reciprocal effects of plants on soil formation, physical structure, and the activities of the soil biota, which would occur over a wide range of temporal and spatial scales. Forests, as a vital part of the terrestrial biosphere, not only provide valuable ecosystem goods and services but also support a vast biodiversity of organisms. The complex interplay of soils and plants in forest ecosystems has commanded attention for a long time, and a deep (improved) understanding is necessary to explore the impacts of the concurrent occurrence of abiotic and biotic stresses on plant-soil interactions.

We encourage studies from all fields, including experimental studies, monitoring approaches, and models, to contribute to this Special Issue in order to promote knowledge and adaptation strategies for the preservation, management, and future development of forest ecosystems.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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