forests

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.4

Influence of Tree Species on Forest Soils under Global Change: New Evidences from Field Study

Guest Editor:

Dr. Bartosz Adamczyk
Department of Food & Environmental Science, University of Helsinki, Viikinkaari 9, Helsinki, Finland

Deadline for manuscript submissions:
closed (1 November 2018)

Message from the Guest Editor

Dear Colleagues,

Word forests span boreal, temperate and tropical ecosystems, having, globally, about 4000 Mha of area and storing 861 Pg of carbon (C), mainly in soil and biomass. Although forest ecosystems have a high potential to absorb global carbon emissions, they also react sensitively to global change. Plant–soil feedbacks play a key role in controlling carbon flows between the plant–soil and atmosphere interface. However, climate change and biological invasions may lead to changes in tree species composition, thus modifying plant–soil–microbe interactions at spatial and temporal scales. Thus, there is an urgent need to understand the processes and underlying mechanisms steering the interactions of trees with the environment to predict and develop strategies for future forest management. This research topic aims to provide the newest state-of-the-art studies on the role of tree species and their influence on soil under global change. We especially encourage experimental studies providing new evidences to contribute to this Special Issue to understand the role of tree species in soil processes under global change.

Dr. Bartosz Adamczy

forests

IMPACT FACTOR 2.4

CITESCORE 4.4

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