





an Open Access Journal by MDPI

The Influence of Forest Operations on the Sustainable Management of Forest Soils

Guest Editors:

Prof. Dr. Enrico Marchi

Department of Agriculture, Food, Environment and Forestry, University of Florence, Via S. Bonaventura 13, 50145 Firenze, Italy

Dr. Elena Marra

Department of Agriculture, Food, Environment and Forestry, University of Florence, Via S. Bonaventura 13, 50145 Firenze, Italy

Prof. Dr. Meghdad Jourgholami

Department of Forestry and Forest Economics, Faculty of Natural Resources, University of Tehran, Karaj 999067, Alborz, Iran

Deadline for manuscript submissions:

30 April 2024



mdpi.com/si/148503

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide new information on different aspects related to innovation, sustainability, and planning forest operations, such as:

- i) The effects of forest operations in different working conditions and the management of soil's physical, chemical and biological proprieties;
- ii) The effects of forest operations on the components of the hydrologic cycle, the soil erosion processes, soil organic carbon, aggregate stability, and nutrient cycling;
- iii) Innovative planning of forest operations, including remote sensing and ICT;
- vi) Innovative approaches in reducing environmental impacts related to forest operations;
- v) The recovery processes of soil's physical, chemical, and biological proprieties in compaction-induced forest soil;
- vi) Forest operation effects on forest soil from a climate change perspective;
- vii) Forest road planning.

Dr. Enrico Marchi Dr. Elena Marra

Prof. Dr. Meghdad Jourgholami

Guest Editors









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