Special Issue

Forests Soil Pollution and Advanced Technologies for Remediating Polluted Soils

Message from the Guest Editors

For the development of advanced methods of soil contamination monitoring, as for forest soils and other soil type systems, the issues regarding understanding the processes occurring in the soil, identifying numerous polluting chemicals, and assessing their bioavailability are points of great concern. The reason for that is the complexity of the soil's composition itself as a system as well as the variety of pollutants whose mechanisms of action on soil ecosystems are unknown or have been studied very little. Since soil is the area in which many microorganisms are located and different molecular structures (enzymes) are operating, the proposed soil-pollution techniques and approaches for remediating polluted soils must be guided by two factors. The first is that the techniques should be free from undesirable errors derived from risk analysis methods. Secondly, the newly developed methods should allow for the potential risk to be assessed without overestimating the pollution. Thus, this Special Issue is open for pioneering experimental research results as well as comprehensive reviews in fields related to soil pollution assessment and remediation.

Guest Editors

Dr. Oleg S. Sutormin
Department of Chemistry, Institute of Natural and Technical Sciences, Surgut State University, 628412 Surgut, Russia

Prof. Dr. Valentina À. Kratasyuk
Institute of Fundamental Biology and Biotechnology, Siberian Federal University, 660041 Krasnoyarsk, Russia

Deadline for manuscript submissions

closed (30 November 2024)

MDPI

About the Journal

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Author Benefits

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)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).