

Special Issue

New Insights in Soil Quality and Management

Message from the Guest Editors

Soil is a central component in the regulation of nutrient cycles, the control and buffering of contamination, as well as the control and regulation of the C cycle, among others. Methods used to determine soil quality and soil management, according to different sources of impacts, such as polymetallic contamination, pesticides, forest fires, desertification, erosion, etc., are constantly evolving and innovating.

This Special Issue aims to present the most relevant advances in the following: different indicators and modes of soil management, such as the establishment of quality indicators in soils, as well as indicators and indices of risk in relation to different ecosystem and human health disturbances; the creation of predictive models of soil quality and management using remote sensing and AI techniques; the development of indicators and sensors for determining soil quality; methods of soil quality assessment; and the various strategies and forms of sustainable soil management. Studies are encouraged to consider applied solutions in the fields of agriculture, forestry, industry, and mining, as well as to explore urban soils in real situations and medium–long-term studies.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2024)



Environments

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CiteScore 5.7



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About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).