

## Special Issue

# New Insights in Soil Quality and Management, 2nd Edition

### Message from the Guest Editors

Soil is a central component in the regulation of nutrient cycles, the control and buffering of contamination, and the control and regulation of the C cycle, among others. This Special Issue aims to present recent advances with regard to the following topics: different indicators and modes of soil management, such as the establishment of quality indicators (physical, chemical, or biological) in soils, as well as the 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 that can be utilized to determine soil quality; methods of soil quality assessment; and the various strategies and forms of sustainable soil management. We welcome studies that consider solutions in the fields of agriculture, forestry, industry, and mining, studies that explore urban soils in real situations, and medium–long-term studies. The publications in the first edition of this Special Issue can be found here: [https://www.mdpi.com/journal/environments/special\\_issues/8X1G9F0289](https://www.mdpi.com/journal/environments/special_issues/8X1G9F0289).

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### Guest Editors

Dr. Diego Arán

Dr. Erika S. Santos

Prof. Dr. Joaquim Esteves Da Silva

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### Deadline for manuscript submissions

25 December 2025



## Environments

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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.

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### Editor-in-Chief

Prof. Dr. Sergio Ulgiati

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#### Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

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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 3.4 days (median values for papers published in this journal in the first half of 2025).