Special Issue

Trace Metals in the Environment: Advances in Detection Techniques, Pollution Assessment and Management

Message from the Guest Editors

The Special Issue, "Trace Metals in the Environment: Advances in Detection Techniques, Pollution Assessment and Management", aims to gather research focusing on trace metals in various environments. We look forward to the submission of papers that attend to the following topics: (i) refining analytical methods for detecting trace metals in various environmental matrices (such as air, water, soil, and sediments); (ii) conducting comprehensive assessments of trace metal pollution in different environmental settings; (iii)developing and proposing sustainable management and remediation strategies for mitigating trace metal pollution. This Special Issue will provide valuable insights into the fate and possible remediation methods of trace metals in the environment. We invite authors to submit papers that will enhance our understanding of detection techniques, pollution assessment, and the management of trace metals in the environment.

Guest Editors

Prof. Dr. Giancarlo Renella

Department of Agronomy, Food, Natural Resources, Animals and Environment (DAFNAE), Agripolis Campus, University of Padua, Legnaro, 35020 Padua, Italy

Dr. Xudong Wei

School of Chemistry and Environment, Jiaying University, Meizhou 514015, China

Deadline for manuscript submissions

25 July 2025



Environments

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.7



mdpi.com/si/214546

Environments
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
environments@mdpi.com

mdpi.com/journal/environments





an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.7



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

Prof. Dr. Sergio Ulgiati

- 1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy
- School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xinjiekouwai Street, Beijing 100875, China

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.8 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2024).

