

Special Issue

Trace Metals in the Urban Environment and Human Health Risks

Message from the Guest Editors

For this Special Issue, we invite researchers to submit original articles or reviews addressing the environmental quality at the urban scale with respect to trace metals in diverse environmental media (e.g., particulate matter, soil, road dust, indoor dust, water, plants) and their implications to human health. The ambition of this Special Issue is to cover all aspects of the biogeochemical cycles of trace metals, including their sources, mobility, dispersion, and fate within urban settings. Special focus will be given to the interconnection and interaction of trace metals between the various sampling media, advancing our understanding of their environmental behavior within the complex environment of urban agglomerations. Editors will consider articles that will include but are not limited to the following topics:

- source identification and apportionment of trace metals
- trace metal speciation, mobility, oral and respiratory bioaccessibility
- quantification of trace metals in plants within the urban environment
- air and indoor environmental quality
- water and sediment quality of urban watersheds
- health risk assessments to urban population

Guest Editors

Dr. Efstratios Kelepertzis

Department of Geology and Geoenvironment, National and Kapodistrian University of Athens, 15784 Athens, Greece

Dr. Fotini Botsou

Department of Chemistry, National and Kapodistrian University of Athens, Athens 15784, Greece

Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/60364

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)