

## Special Issue

# The Environmental Assessment of Trace Metals in Water Ecosystems

### Message from the Guest Editors

Studies on the distribution of heavy metals in the environment, and the toxic effects of pollution are a key focus of ongoing research. Therefore, it is important to control and remove contaminants throughout the process and to properly understand their biogeochemical behavior and biological responses to them. This Special Issue on metals in the aquatic environment will focus mainly on studies on the occurrence, distribution, migration and transformation of emerging heavy metals and the factors affecting them; occurrence, migration, and transformation of heavy metals in various media; monitoring and analysis of heavy metals in aquatic environments; source identification, temporal and spatial distribution of heavy metals; heavy metal speciation; effects of heavy metals on ecosystems; exposure, bioaccumulation, toxic effect and risk assessment of environmental pollution by heavy metals.

### Guest Editors

Dr. Elżbieta Skorbiłowicz

Faculty of Building and Environmental Engineering, Białystok University of Technology, ul. Wiejska 45E, 15-351 Białystok, Poland

Dr. Marcin Sidoruk

Department of Water Resources and Climatology, University of Warmia and Mazury in Olsztyn, 10-719 Olsztyn, Poland

### Deadline for manuscript submissions

closed (31 March 2024)



## International Journal of Environmental Research and Public Health

an Open Access Journal  
by MDPI

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/130861](https://mdpi.com/si/130861)

*International Journal of  
Environmental Research and  
Public Health*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)

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

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





# International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou  
RCMI Center for Urban Health Disparities Research and Innovation,  
Richard N. Dixon Research Center, Morgan State University, Baltimore,  
MD 21251, USA

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)