

## Special Issue

# Environmental Hygiene, Water Quality and Human Health

### Message from the Guest Editor

In recent years, many water-borne diseases from contaminated water resources have been reported by countries with varying levels of economic development. These diseases are caused by pathogenic microorganisms of enteric origin, distributed by anthropogenic and natural processes. Runoff processes mobilize these microorganisms, leading to potential contamination of surface water, groundwater through soil infiltration, and recreational water such as seawater. Different environmental factors such as global climate change influence the prevalence and degree of water contamination. Anthropogenic pressure causes considerable exploitation of water resources, leading to reduced water availability and the progressive deterioration of water quality. This Special Issue focused on main factors that make water resources vulnerable, innovative methods and strategies for the monitoring of water intended for human consumption, recreational water, and reuse of waters through water treatment systems. New or improved strategies to identify the measures necessary to reduce contamination and mitigate the risks associated with the use of contaminated water resources are welcome.

### Guest Editor

Dr. Osvalda De Giglio

Interdisciplinary Department of Medicine, Hygiene Section, University of Bari Aldo Moro, Piazza G. Cesare 11, 70124 Bari, Italy

### Deadline for manuscript submissions

closed (30 September 2021)



## International Journal of Environmental Research and Public Health

an Open Access Journal  
by MDPI

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/30692](https://mdpi.com/si/30692)

*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)

[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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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