

## Special Issue

# Innovations in Environmental Technologies for Better Health

### Message from the Guest Editors

Sustainable climate conditions, good air quality, potable water, sanitation and hygiene, safe use of chemicals, biological and radiation products, healthy and safe workplaces, sound agricultural practices, health-friendly cities, and preserved wildlife are prerequisites for good health. Different types of sensors spread across the ambient environment will provide large amounts of data on the most diverse aspects. These sensors will feed big data through the new telecommunications networks. Artificial intelligence algorithms will then analyze this big data and generate insights to improve people's quality of life and health on a large scale. New technological horizons will trigger a significant impact on humanity, such as smart cities, Internet of Things, and smart sensor networks, and artificial intelligence will directly impact people's quality of life and health. Therefore, this special edition focuses on technological innovations that improve people's quality of life and health because of improvements in the environment using the new technologies in sensors, artificial intelligence, telecommunications, healthcare and more.

### Guest Editors

Prof. Dr. Yuzo Iano

Dr. Gabriel Gomes De Oliveira

Dr. Euclides Lourenço Chuma

### Deadline for manuscript submissions

closed (31 January 2024)



## International Journal of Environmental Research and Public Health

an Open Access Journal  
by MDPI

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/158139](https://mdpi.com/si/158139)

*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://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 R. Ward

School of Society and Culture, Adelaide University, Adelaide 5001,  
Australia

---

### 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)