

## Special Issue

# Health Risk Assessment Related to Environmental Exposure

### Message from the Guest Editor

Considering human health protection as a major target, a careful risk assessment, i.e. hazard identification, dose-response evaluation and exposure assessment with the use of possible new biomarkers, is essential to reduce the adverse health outcomes. In addition to the classic environmental factors of diseases, new evidences underline the harmful effects of emerging pollutants such as nanomaterials and micro or nanoplastics.

Depending on the biological target, several pathogenetic mechanisms are triggered by environmental exposure, such as inflammation, oxidative damage, genotoxicity, inheritable epigenetic changes, mitochondrial impairment, tissue damages due to apoptosis and or necrosis, hormonal imbalances (by endocrine-disrupting chemicals) etc.

We invite you to participate on the basis of your experience in this Special Issue which aims to strengthen the knowledge on the classic and emerging environmental determinants that impact on human health, for a more correct risk assessment.

---

### Guest Editor

Dr. Angela Di Pietro

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, 98125 Messina, Italy

---

### Deadline for manuscript submissions

closed (31 May 2021)



## International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/38603](https://mdpi.com/si/38603)

*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 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)