

## Special Issue

# Assistive Technologies in Elder Care and Assistance

### Message from the Guest Editors

The adoption of gerontechnological products is still low, due to a lack of strategies to improve acceptability and usability, the absence of clear personalized features, and the difficulty of demonstrating the efficacy of complex systems through evidence-based methods. A closer interaction between healthcare and technology researchers is mandatory in order to ensure that these new systems address the unsolved needs of the older population.

This Special Issue aims to provide an opportunity for researchers to submit their contributions to the design and evaluation of new technologies for monitoring and supporting human well-being in several respects: physical, cognitive, emotional, affective, and social. Within this domain, we welcome original research manuscripts including new significant technical contributions to social robotics, virtual agents and virtual reality, AI and machine and deep learning, human-computer and human-robot interaction for assisted living, and applications to support assisted-living scenarios. Given the lack of publicly available data specific to this topic, contributions also reporting realistic benchmarks related to the elderly are very welcome.

---

### Guest Editors

Dr. Mirko Di Rosa

Unit of Geriatric Pharmacoepidemiology and Biostatistics, IRCCS INRCA, Ancona, Italy

Dr. Roberta Bevilacqua

Scientific Direction, IRCCS INRCA, Ancona, Italy

---

### Deadline for manuscript submissions

closed (30 April 2022)



## International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/64599](https://mdpi.com/si/64599)

*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/  
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)