

## Special Issue

# Enhancing Quality of Life and Health with ICT

### Message from the Guest Editors

Information and Communication Technology (ICT) is an increasingly important component of modern society, touching almost every aspect of our lives. It is used for applications such as communication, entertainment, sensing and control, and in a wide variety of setting such as homes, cars, workplaces and public spaces. ICT-based transformations are generally positive, but can have negative impacts on quality of life and health.

Examples include the overuse of social media and other applications, leading to disturbed sleep, low self-esteem in the young, and a sense of isolation from current social channels in the elderly. However, ICT can also be used in ways that specifically safeguard or enhance health, for example, through sensor-based intelligent systems that monitor health, diagnose disease, or encourage more healthy lifestyles and greater exercise, leading to an improved quality of life.

---

### Guest Editors

Prof. Dr. John Waterworth

Department of Informatics, Umeå University, 901 87 Umeå, Sweden

Prof. Dr. Mark Chignell

Department of Mechanical & Industrial Engineering, University of Toronto, Toronto, ON M5S, Canada

---

### Deadline for manuscript submissions

closed (28 February 2023)



## International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/62055](https://mdpi.com/si/62055)

*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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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