

Special Issue

Leveraging the Use of Technology Transformation to Advance the Health of Persons with Chronic Illness

Message from the Guest Editors

Wearable smart devices, Internet of Things (IoT), AI technologies, robots such as drones, big data analytics, and machine learning technologies hold a key to affordable, customizable, and scalable solutions to these challenges. These technologies have been employed in industries such as finance, retail, and travel to improve new product development, operational efficiency, and customer satisfaction. While digital technologies have forayed into health care, they could be leveraged to catalyze the transformation of the health of a person with a chronic illness by enabling patient-centered care, empowering evidence-based timely decisions and care provisions, facilitating efficient and effective coordination among care providers, and stimulating innovative interventions, prevention and control. In addition, the extant research sheds light on the vital role of co-creation in online healthcare communities (OHCs) as nascent peer-to-peer co-creation platforms in public health and wellbeing. This Special Issue is dedicated to original research that offers insights into digital technology solutions and their transformative impact on the health of a person with a chronic illness.

Guest Editors

Prof. Dr. Linying Dong

Ted Rogers School of Information Technology Management, Toronto Metropolitan University, Toronto, ON M5G 2C3, Canada

Prof. Dr. Farid Shirazi

1. Ted Rogers School of Information Technology Management, Toronto Metropolitan University, Toronto ON M5B 2K3, Canada

2. Institute for Innovation and Technology Management, Toronto Metropolitan University, Toronto ON M5B 2K3, Canada

Deadline for manuscript submissions

30 January 2025



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 7.3
Indexed in PubMed



mdpi.com/si/164149

*International Journal of
Environmental Research and
Public Health*

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 7.3
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. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access 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)