

Special Issue

Secure IoT Adoption and Its Challenges in Health & Wellbeing Applications

Message from the Guest Editors

Further opportunities for the use of IoT in health and wellbeing management systems include direct and indirect monitoring of elderly people, infants, handicapped individuals, and mental health patients, as well as for fitness activity tracking. IoT provides the opportunity to create a safe, comfortable, and welcoming personalized environment to encourage improved health and overall wellbeing. The adoption of wearable devices is just the beginning of a future pervasive and robust IoT-based health and wellbeing management infrastructure.

This Special Issue focuses on the design, implementation, testing, and issues encountered by IoT health and wellbeing applications. Topics covered in this issue will include uncompromised privacy and security during remote monitoring and tracking, mobile health, environmental monitoring, fitness and body activity recording, smart hospital management, device access control, healthcare compliance and regulations, secure data recording systems, trust-based data storing mechanisms, tamperproof storage for sensitive data, or any schemes that support reliable and secure management of health and wellbeing data.

Guest Editors

Dr. Jims Marchang

Prof. Dr. Steven Furnell

Dr. Bogdan Ghita

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/46599

*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

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)