Special Issue

Al and Big Data Revolution in Healthcare: Past, Current, and Future

Message from the Guest Editors

With the rapid advancement in computer technologies, healthcare has also evolved. Smart and intelligent healthcare systems have been developed and are currently in practice. Some examples of these are electronic healthcare records (EHRs), electronic medical records (EMRs), personal healthcare records (PHRs), picture archiving and communication systems (PACs), and healthcare information management systems (HIMS). Along with these contemporary healthcare systems, the AI community has introduced integrated Al-based decision-making systems. These Al systems have been named clinical decision support systems (CDSS), and researchers from the University of Leeds have developed an early naïve Bayesian-based decision-making system for the diagnosis of acute abdominal pain. Special Issue invites AI experts, data scientists, medical experts, researchers, and bioinformaticians to share their non-published experiences of the past, current state-of-the-art novel approaches, and future perspectives to contribute to Al in healthcare. For more information, please refer to: https://www.mdpi.com/journal/ijerph/special_issues /Al_big_data_revolution_healthcare

Guest Editors

Dr. Maqbool Hussain

Dr. Muhammad Afzal

Dr. Wajahat Ali Khan

Deadline for manuscript submissions

closed (31 May 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/72938

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





International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed





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 R. Ward

Centre for Public Health, Equity and Human Flourishing, Torrens University Australia, Adelaide 5000, Australia

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)