Special Issue

Use of Emerging Technologies in Public Health: Blockchain and AI

Message from the Guest Editors

The Special Issue aims to gather the latest research on methodologies, techniques and new solutions for improving usability, securing information and optimizing the performance of public health applications by using emerging technologies. Topics of interest include, but are not limited to: Blockchain applications in medical/healthcare field; AI applications in medical/healthcare field;Techniques and methodologies for securing blockchain-based public health applications; Challenges and opportunities of blockchain for ensuring security in public health; Machine and deep learning for information security applications; Explainability of AI-based public health solutions; Trust and privacy challenges in smart public health; Performance and scalability challenges in blockchain-based public health applications; Use of blockchain for securing industrial IoT medical applications; Economic, performance, scalability, and security analysis of AI-based public health applications; Robustness and fault tolerance of emerging-technology-based public health applications; Impact of precision public health; Ethical issues in integrating AI in public health.

Guest Editors

Dr. Fariza Sabrina

Dr. Shaleeza Sohail

Dr. Nan Li

Deadline for manuscript submissions

closed (30 June 2023)

MDPI

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

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