

Special Issue

Leveraging AI-Powered Tools and Big Data for Global Health Surveillance

Message from the Guest Editors

This Special Issue highlights advances in leveraging AI-powered tools and big data for global health surveillance, as well as the challenges therein. We aim to provide a broad range of examples, best practices, and emerging and well-tested methodologies in collecting, compiling, analyzing, and communicating large-scale information repositories in various public health fields. We expect contributions to describe, conceptualize, and quantify the pros and cons of new approaches of knowledge generation and synthesis to solve key global health issues like climate change, environmental degradation, population aging, etc. We encourage the submission of interdisciplinary work and multi-country collaborative research in particular. We invite submissions offering recommendations for improving local, national, and global environmental policies and ethical challenges stemming from new information technologies. We also encourage submissions to address environment- and health-related policies that focus on issues related to global disease dynamics, modern nutrition transition, population movements and changes, and their relationship to the environment and food security.

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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.

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