Special Issue

Big Data, Decision Models, and Public Health

Message from the Guest Editors

Big data analytics techniques such as statistical analysis, data mining, machine learning and deep learning can be applied to construct innovative decision models. This Special Issue focuses on the use of big data analytics and forms of public health decision-making based on the decision model, spanning from theory to practice. While working with people's health and medical information, we also need to commit to scientific integrity issues including people's privacy, data sharing, bias and uncertainty, research design and statistical inference. Practical experiences and experiments concerning the above issues in big data analytics are also welcome.

Guest Editors

Prof. Dr. Chien-Lung Chan

Dean, Department of Information Management, Yuan Ze University, Taoyuan City, Taiwan

Prof. Dr. Chi-Chang Chang

Chair of Medical Informatics Department, Chung Shan Medical University, Taichung City, Taiwan

Deadline for manuscript submissions

closed (31 May 2020)

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

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)