



Health Data: Tools for Decision-Making

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Message from the Guest Editors

Rapid accumulation of various types of data involving human health now meets with cutting-edge technologies in data management and analytics. As we have recently seen from COVID-19 tracking tools and phenotyping algorithms, the analysis of these abundant data has been offering crucial insights into many health issues in various sectors. To recognize and share the latest efforts in utilizing various types of health data to answer difficult questions on human health, this Special Issue invites studies that report on a wide spectrum of topics related to health data use. Topics within the scope of this call include but are not limited to facilitating data reuse (e.g., data integration and harmonization), developing innovative methods for effectively managing and analyzing large amounts of data, drawing useful insights from analyzing data, and presenting data for effective communication. We welcome research with all types of health-related data, such as microbiology data, health survey data, and clinical data, and we are particularly interested in the works that utilize patient-generated health data.





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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.

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