

Special Issue

Big Data for the Advancement of Health Equity

Message from the Guest Editor

Research harnessing expansive and relatively untapped big data resources, including social media data, health insurance claims, medical records, Google street view images, police and court records, video surveillance, banking, and land use reports, explores an under-used source of data for the purposes of improving public health. Big data resources can be used to collect timely information to complement traditional data sources such as clinical trials or observational cohort studies, which are expensive, may include less diverse study participants, may be geographically restricted, and may involve a substantial delay between when the data are collected and when they become available for researchers. Big data can be used to answer a host of critical research questions related to health equity based on race, social class, and sexual orientation, across and within nations. This includes research to document existing health inequities, research to investigate the drivers of health inequities such as racism, as well as interventions to reduce these health inequities. We invite submissions covering any of these areas related to the use of big data to advance health equity.

Guest Editor

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Deadline for manuscript submissions

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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.

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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