

Special Issue

Challenges and Opportunities in Using Big Data for Urban Environment Management

Message from the Guest Editors

Urbanization has driven the development of regional economies, industrialization, culture, education, and medical care. However, it has also resulted in environmental pollution, traffic congestion, and public health problems. Therefore, the solution to urban economic development, infrastructure management, public health, environmental protection, risk prevention and control, and other issues faces huge uncertainties, challenging the decision-making ability of city managers. In recent years, with the rise of clean energy technologies, such as photovoltaics and wind energy, new energy vehicle technology, artificial intelligence technology, and Internet technology, new business models have emerged, resulting in the generation of a large amount of big data. The rise of big data technology provides new ideas for humans to solve the problem of the sustainable development of large cities. Therefore, this Special Issue invites colleagues to conduct extensive theoretical, empirical, and methodological research on the above issues and proposes a series of theoretical viewpoints, empirical inspiration, and new methods.

Guest Editors

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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.

Editor-in-Chief

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