Special Issue

Data Fusion/Assimilation of Low-Cost Sensors for Air Pollution Exposure

Message from the Guest Editors

Air pollution is a major issue in urban areas. High population density is related to excess anthropogenic emissions, impacting upon the environment and health. Due to the impact of air pollution on human health, as well as the increasing popularity of low-cost air quality sensors, this Special Issue aims to publish new research and reviews to assess and examine the adverse health effects via the assimilation of data from low-cost air quality sensors both indoors and outdoors. The scope of this Special Issue also includes Internet of things technology and several data science methods, such as data mining and machine learning for processing and analyzing air quality data for investigating health exposure. We are also interested in air quality data fusion and its association to human health as well as environmental epidemiology.

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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. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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