



Environmental Risk Assessment in Public Health

Guest Editor:

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Message from the Guest Editor

Characterizing health risks from exposure to environmental contaminants remains a challenging field in environmental public health. New methodologies, models, and applications are needed to advance our understanding and management of environmental health risks. This special issue aims to provide a platform for researchers and practitioners to disseminate their new findings and understandings in all aspects of environmental risk assessment in public health. The topics could be but are not limited to:

- (1) Exposure-response relationships from epidemiological studies,
- (2) Dose-response relationships from toxicological studies,
- (3) Quantitative estimate of cumulative risks from chemical mixtures,
- (4) Health risks from climate change,
- (5) Risk of epigenetic modifications arising from exposure to environmental toxicants,
- (6) Applications of the exposome in health risk assessment,
- (7) Case studies of risks from toxicants in multiple environmental media, e.g., air, water, food, soil, dust, and consumer products,
- (8) Socioeconomic and ethnical disparities in environmental risks,
- (9) Methods to address uncertainties in risk assessment, and
- (10) Qualitative methods for risk assessment.





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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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