



GIS and Spatial Modelling for Environmental Epidemiology

Guest Editor:

Dr. Jesse D. Berman

Environmental Health Sciences,
School of Public Health,
University of Minnesota,
Minneapolis, MN 55455, USA

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Message from the Guest Editor

Over the past 20 years, a major advancement in the field of environmental epidemiology has been the use of spatial methods and geographic information systems (commonly known as GIS) to evaluate environmental hazards and health. Understanding where events occur is often invaluable for identifying why a disease takes place and who might be at risk. Maps provide unique tools to both generate hypotheses and disseminate information to the public, investigators, and policy makers. With developments in computing, GIS methods and spatial methods have allowed us to explore public health questions in new and innovative fashions.

This Special Issue will highlight public health research that incorporates or applies GIS and spatial modeling for environmental epidemiology applications. Research papers, reviews, case reports, introduction of applied spatial methods, and conference papers are welcome to this issue. Papers that use GIS or spatial methods to address health disparities and climate change research are welcomed. Other manuscript types accepted include methodological papers, position papers, brief reports, and commentaries.





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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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