

Special Issue

Methodologies and Applications of Geographic Information Science and Spatial Statistical Analysis in Public Health

Message from the Guest Editors

The use of Geographic Information Sciences (GIScience) and spatial statistical analysis has emerged as an innovative component in the field of Public Health. Great attention has been paid to analyzing spatial and spatiotemporal data; locations; and spatial interaction in understanding public health issues. Applying GIScience or/and spatial statistics, spatial epidemiologists, health geographers, biostatisticians and public health professionals have made significant contributions in understanding problems such as disease clusters and environmental risk factors, and targeting interventions to improve public health. This Special Issue seeks papers that demonstrate original research with innovative methodologies and applications of GIScience and spatial statistical analysis in the field of public health. The aim of this call is to provide a strong overview of the GIScience and technological advances of spatial methodology in public health, invoke new ways of thinking about how public health programs can be better accomplished, and stimulate new ideas to use GIScience and spatial statistics in public health.

Guest Editors

Dr. Jane Law

1. School of Public Health and Health Systems, University of Waterloo, Waterloo, ON N2L 3G1, Canada
2. School of Planning, University of Waterloo, Waterloo, ON N2L 3G1, Canada

Dr. Henry Hui Luan

Department of Geography, College of Arts and Sciences, University of Oregon, Eugene, OR 97403, USA

Deadline for manuscript submissions

closed (31 March 2020)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/19360

*International Journal of
Environmental Research and
Public Health*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

ijerph@mdpi.com

mdpi.com/journal/

ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

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

Prof. Dr. Paul R. Ward

School of Society and Culture, Adelaide University, Adelaide 5001,
Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)