

Special Issue

Innovative Statistical Methods in Public Health

Message from the Guest Editors

Public health research is one of the most critical research areas for improving life. Such research is in a high demand following the rise of viruses including COVID-19, continuing HIV, and others. Public health research also serves an important role in, for example, environmental improvement, substance use cessation, disease prevention, physical activity, and healthy eating behavior. Statistics plays a significant role in public health research in drawing rigorous scientific conclusions. To stimulate new application and development of statistical methods in public health research, we initiated this Special Issue, entitled “Innovative Statistical Methods in Public Health”. We welcome articles including meta-analysis, missing data analysis, survey sampling, causal inference, clinical trials, survival analysis, machine learning, Big Data, Bayesian statistics, and other statistical methods with application in public health research. Public health research includes (but is not limited to) substance use research, infectious disease, cardiovascular disease, physical activity, healthy diet, diabetes, obesity, cancer, oral health, and mental health.

Guest Editors

Dr. Sixia Chen

Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA

Dr. Janis Campbell

Department of Biostatistics and Epidemiology, Hudson College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA

Deadline for manuscript submissions

closed (30 June 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/125384

*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](https://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 B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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)