

Special Issue

Control Strategies toward the Mitigation of Public Transport Exposure Risk

Message from the Guest Editors

The advent of new types and strains of viruses causing infectious diseases makes policymaking around healthcare an absolute imperative. It is self-evident that human mobility and infection spread are interrelated: human mobility has been implicated as a significant component of contagion, while on the other hand, the ensuing public health crisis caused by the pandemic has also impacted long-term mobility trends. This necessitates effective urban transportation planning to ensure public health and wellbeing against future outbreaks. In part, this issue will deal with computational models for transportation management to control the spread of infectious diseases. It will explore the social, demographic, behavioral, and epidemiological aspects of post-pandemic mobility. Finally, it will comment on the economic aspects of urban transportation and a contingency plan to deploy a pool of essential workers to stand in for their peers in the event of outbreaks or meet a surge in demand when lockdown restrictions are lifted.

Guest Editors

Dr. Satyaki Roy

Frederick National Laboratory for Cancer Research, Frederick, MD 21702, USA

Prof. Dr. Preetam Ghosh

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Deadline for manuscript submissions

closed (1 August 2024)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/134326

*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 R. Ward

Centre for Public Health, Equity and Human Flourishing, Torrens
University Australia, Adelaide 5000, 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)