

## Special Issue

# Influence of Traffic Noise on Residential Environment

### Message from the Guest Editors

Noise pollution causes both psychological and physiological effects to human health and also worsens the residential environment. Recently, there has been a number of studies on the impact of traffic noise on human settlements in terms of policies, theories, and methods. However, due to the complex traffic network, the application of new technology in planning and building construction, and the emphasis on human factors, understanding and mitigation of the impact of traffic noise on residential environment are facing new opportunities and challenges. This Special Issue seeks research papers on traffic noise influence of indoor/outdoor residential environments, which include various transportation modes and auditory/non-auditory impacts on human health and the environment.

Research areas may include (but are not limited to) the following: measurement and prediction of traffic noise, assessment of indoor and outdoor acoustics environment, urban traffic environment planning, noise management and control technology, noise mapping and practical research, traffic noise exposure, health of residential public health, etc.

### Guest Editors

Dr. Haibo Wang

School of Civil and Transportation Engineering, Guangdong University of Technology, Guangzhou 510006, China

Prof. Dr. Ming Cai

School of Intelligent Systems Engineering, Sun Yat-sen University, Shenzhen 518107, China

### Deadline for manuscript submissions

closed (30 June 2024)



## International Journal of Environmental Research and Public Health

an Open Access Journal  
by MDPI

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/160206](https://mdpi.com/si/160206)

*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](mailto: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)