



New Advances in Transportation Planning and Management to Facilitate Public Health and Environment

Guest Editor:

Dr. Zhichao Cao

School of Transportation and
Civil Engineering, Nantong
University, Nantong 226000,
China

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editor

The focus of the Special Issue is to promote improved public health and emerging environmentally friendly transport-integrated development. The interests of this Special Issue include the underlying concepts: 1. Planning level: transportation network design; passenger demand prediction; timetables; vehicle/train schedules; driver schedules; recharging infrastructure. 2. Operation/management level: energy-efficiency; user safety; control under the impact of COVID-19; maintenance; rescheduling; synchronization; speed adjustment; skip-stop; rolling stock or fleet size; user equilibrium; traffic flow theories; pedestrian dynamics; transit operational stability, spatial interaction network analysis; airport and air traffic; traffic environments. 3. Technical level: programming models; optimization problems; heuristic; exact algorithm; graph theory; game theory; in-vehicle assistant system; interdisciplinary application in transportation. 4. Future mobility: multimodal transportation; intelligent transportation systems; demand response transport; unmanned aerial vehicle route; public health.





an Open Access Journal by MDPI

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

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.

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)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
X@IJERPH_MDPI