



Spatiotemporal Development and Environmental Risk Assessment under Urbanization

Guest Editors:

Prof. Dr. Guoliang Xu

School of Geography and
Remote Sensing, Guangzhou
University, Guangzhou 510006,
China

Prof. Dr. Xin Sun

Key Laboratory of Urban
Environment and Health,
Institute of Urban Environment,
Chinese Academy of Sciences,
Xiamen 361021, China

Dr. Xiankun Yang

School of Geography and
Remote Sensing, Guangzhou
University, Guangzhou 510006,
China

Message from the Guest Editors

Urbanization has induced so many changes in our modern world, pertaining to local environments, ecological health, and social development. It is characteristic by the significant changes in the various spatial and temporal patterns of landscape, urban form, and urban networks. Another notable feature of urbanization is the high concentration of population, which now covers more than 2/3 of the global population. Changes in urban spatial-temporal patterns have resulted in different responses of environmental factors, elements geochemical cycles, and hydrothermal processes, with great effects on human health. Environmental changes and its ecological risks driven by drastic urban spatio-temporal evolution have still not been systematically discovered, and specific approaches are still needed to explore process and results, as well as the effects on ecosystem health under urbanization.

Deadline for manuscript
submissions:

closed (30 September 2023)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, 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, CAPus / 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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)