

## Special Issue

# Advances in Urban Spatial Planning and Carbon Emission

### Message from the Guest Editors

Carbon dioxide represents the largest amount of greenhouse gases and has the greatest impact on the environment. Fundamentally, carbon dioxide is a byproduct of economic activity. Urban spatial planning is an efficient way to reduce urban carbon emissions and realize carbon neutrality. This Special Issue seeks to publish papers (original research and reviews) that report associations and findings on how the urban spatial pattern has influenced carbon emission and how to build a low-carbon city by urban spatial planning. In addition, papers on how to monitor and calculate urban carbon emissions by remote sensing, the Internet of Things, and simulation and analysis of urban carbon emission by Artificial Intelligence and Geographic Information System technology are welcomed. Potential topics include, but are not limited to: Urban planning for carbon neutrality; Transportation and energy consumption; Urban carbon emission monitoring and calculation; Simulation and analysis of urban carbon dynamics; Carbon sources and carbon sinks in urban and rural areas; Policies and optimization path of carbon neutrality; Green building and low-carbon city; Land use/cover change and carbon emission.

### Guest Editors

Prof. Dr. Qianxin Wang

Prof. Dr. Xiaoping Liu

Prof. Dr. Honghui Zhang

Dr. Guohua Hu

### Deadline for manuscript submissions

closed (7 April 2023)



## International Journal of Environmental Research and Public Health

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## 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. 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.

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### Editor-in-Chief

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