

Special Issue

Enhancement of Urban Smart Spatial Planning via Geospatial Technologies

Message from the Guest Editor

The advancement of geo-information science and technology (i.e., complex science, geo-big data, geocomputation, deep learning, artificial intelligence, etc.) greatly facilitates the process of urban smart spatial planning and, more importantly, provides a new opportunity for the spatial planning mode shift and sustainable decision making through a better understanding of the relationship between urban configuration and human activities therein. Considering that a sustainable city is supposed to be as smart, healthy, low-carbon, cultivated, and people-oriented as possible, this Special Issue invites manuscript submissions that apply geospatial technologies to tackle these aspects. Potential topics include but are not limited to urban structure and dynamics reflected by geospatial big data; agent-based simulation of urban mobility or urban growth; deep learning techniques on complex urban form and function; jobs–housing balance and green commuting; spatial identification or optimization of new energy industries or other green fundamental infrastructures; and the assessment of spatial equity of public resources and services (transportation, education, leisure, etc.).

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
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CiteScore 8.5
Indexed in PubMed



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*International Journal of
Environmental Research and
Public Health*
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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.

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Editor-in-Chief

Prof. Dr. Paul R. Ward

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