

Special Issue

GIS in Urban Planning and Spatial Analysis

Message from the Guest Editor

This Special Issue of *Urban Science* will include selected contributions on the theory and practice of analyzing spatial data and using GIS in all aspects of urban planning studies. We encourage researchers to submit contributions through articles, reviews, case studies, and position papers where the role and contribution of spatial analysis and geospatial techniques in this scope are enhanced. This may include (as a non-exclusive list of potential topics) contributions on the following:

- Planar, 3D, and spatiotemporal simulation or modelling of urban data;
- Methodological aspects of geospatial data analysis impacting life in cities;
- Data handling techniques for the spatialization of sustainability-related indicators;
- Case studies concerning the application of GIS modelling and analysis of social equity, economic efficiency, and environmental responsibility of urban systems;
- Impacts of spatial data models, quality, transformation, and processing in sustainability assessment;
- Applications for spatial data mining, geovisualization, or spatial decision-support systems for the urban environment.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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