

Special Issue

The Role of Geospatial Analytics in Advancing Sustainable, Healthy and Resilient Cities

Message from the Guest Editors

Geospatial analytics, an interdisciplinary field at the intersection of geography, data science, and urban planning, provides a powerful framework for understanding and addressing these critical urban issues. By highlighting the role of geospatial analytics in urban contexts, this Special Issue aims to foster a deeper understanding of the spatial and temporal dynamics shaping cities, while promoting the use of geospatial data and analytical techniques to inform urban policy, planning, and design. This Special Issue invites topics focusing on, but not limited to, the following:

- Sustainable urban mobility and accessibility;
- Sustainable transport in cities;
- Spatial-temporal analysis of noise and air pollution;
- Urban heat monitoring and mitigation;
- Geospatial analytics for travel behavior and physical activities;
- Spatial analysis of urban infrastructure;
- Geospatial approaches to urban land use and urban growth modeling;
- Spatial analysis of social vulnerability and equity in urban contexts;
- Remote sensing for urban infrastructure and utilities;
- Geospatial analytics for equitable urban planning and governance.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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