Special Issue

Spatial Data and Technology Applications

Message from the Guest Editors

This Special Issue aims to compile cutting-edge research and innovative applications of spatial data and technology in understanding, monitoring, and managing a wide array of issues. We invite high-quality, original research articles, reviews, case studies, and technical notes on topics including, but not limited to, the following:

- Epidemiological Studies: employing spatial data and technology for tracking and analyzing patterns and trends.
- Healthcare Accessibility: spatial analysis of healthcare infrastructure, service accessibility, and optimization of healthcare delivery in urban or rural areas.
- Urban Planning and Health: integrating spatial health data into urban planning to promote healthy living environments.
- Chronic Disease Management: using spatial data and technology to monitor and manage chronic diseases such as diabetes, asthma, cardiovascular illnesses, and mental conditions.
- Emergency Preparedness and Response: spatial modeling and analysis for preparedness and response in emergency and disaster scenarios.
- Big Data and Machine Learning: application of big data analytics and machine learning techniques to spatial analysis.

Guest Editors

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Deadline for manuscript submissions

20 August 2025

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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