

Special Issue

Applications of Geospatial Technologies on Urban, Environmental, and Public Health Sustainability

Message from the Guest Editor

Geospatial technologies have become crucial for advancing sustainability across urban, environmental, and public health domains. The integration of geographic information systems (GIS), remote sensing, geoAI facilitates the systematic analysis of spatial patterns, enabling evidence-based decision making for sustainable development. In urban sustainability, these technologies support smart city initiatives, optimize land-use planning, and enhance resilience to climate change. In the environmental domain, these technologies enable the ability to monitor ecosystem dynamics, assess pollution levels, and evaluate the impacts of anthropogenic activities on natural resources. In public health, geospatial methodologies contribute to environmental health risk assessments, exposure assessments, and the spatial accessibility evaluation of healthcare services, thereby improving health equity and policy interventions. This Special Issue welcomes cutting-edge research on the application of geospatial technologies in these domains, emphasizing methodological advancements, innovative case studies, and interdisciplinary approaches that contribute to sustainability.

Guest Editor

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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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