Special Issue

Application of GIS and Spatial Data Analytics in Studies of COVID-19

Message from the Guest Editors

This Special Issue aims to capture emerging applications of GIS and spatial data analysis for multidisciplinary COVID-19 studies. The applications should demonstrate how recent advances in geospatial big data and spatial analysis provide new perspectives and methods towards understanding the impacts of COVID-19. We invite contributions that leverage data sources with a spatial dimension (public health records. socio-economic statistics, surveys, mobile phones, social media, transportation, remote sensing, etc.) and applied GIS and spatial analysis methods, including geovisual analytics, spatial statistics, GeoAl, space-time simulation, big data analysis, and spatial optimization. We also welcome studies that create new computational methods and tools in GIScience that further advance its applications in multidisciplinary pandemic research.

Guest Editors

Dr. Bing She

Dr. Tao Hu

Dr. Siqin Wang

Deadline for manuscript submissions

closed (15 November 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/109281

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

