



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

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submissions:

**closed (15 November 2023)**

### Message from the Guest Editors

Dear Colleagues,

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, GeoAI, 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.





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