

# Special Issue

## Spatial Statistics Methods and Modeling

### Message from the Guest Editor

With the advent of Global Positioning System (GPS) technology and Geographic Information Science (GIS), spatial data are increasingly becoming easy to collect, store, and analyze. Spatial data may be observations of the locations of event occurrences (point processes), observations of aggregated quantities over a set of contiguous areas (lattice processes), or observations of quantities over a set of locations (geostatistical processes). Today, spatial data have rapidly become abundant in precision public health and disease modeling, environmental science monitoring, precision agriculture, and diverse other domains. The modeling of these spatial data processes presents unique perspectives about how inferences about the phenomenon under study can be drawn. This Special Issue aims to bring to studies that apply, innovate, or extend existing spatial modeling methods in public health, environmental science, agriculture, etc. We shall consider manuscripts that present innovative solutions to application and methodological challenges to solve real societal problems.

### Guest Editor

Dr. Frank Badu Osei

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### Deadline for manuscript submissions

20 March 2025



## Mathematics

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### Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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### Editor-in-Chief

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