

## Advances in Machine Learning and Statistical Analysis of Geographical Data

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

In geography, we have known for decades that location matters. Established techniques such as local models have addressed the issue of spatial heterogeneity and allowed for the discovery of local processes hidden in traditional models. However, modern algorithms related to Artificial Intelligence, machine learning, and classification of geospatial data are not always “location-aware” even though they manage to achieve more robust results compared to traditional methods.

This Special Issue aims to capture the state-of-the-art theories and applications of machine learning and advanced statistics used to analyze spatial data, including big spatial data. The use of advanced methods is linked to appropriate theoretical frameworks (properly acknowledging previous work in the topic) and ethical/responsible use of AI, while encouraging transparency and reproducibility. We look forward to receiving your contribution and we trust this Special Issue will become an excellent reference for future advancements in the domain.



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## Message from the Editor-in-Chief

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