

## Special Issue

# Geospatial Insights: Unleashing the Power of Big Data and GeoAI

### Message from the Guest Editors

This research topic welcomes original research papers and review papers offering new insights into geospatial big data and GeoAI. Topics of interest include, but are not limited to, the following:

- Harvesting geospatial information from diverse data sources.
- Harnessing AI for geospatial solutions across diverse fields.
- Multi-source data fusion for enhanced geospatial analysis.
- Enhancing disaster response through satellite imagery and social media data integration.
- Natural language processing in geospatial data interpretation.
- Semantic understanding in geospatial analysis using LLMs.
- Enhanced spatial query systems with large language models.
- GeoAI-driven sentiment analysis from social media texts.
- LLMs in geospatial knowledge graph construction.
- Interactive geospatial visualization with language-driven interfaces.
- Geospatial question-answering systems using large language models.

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### Guest Editors

Dr. Xuke Hu

Dr. Yeran Sun

Dr. Shaohua Wang

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### Deadline for manuscript submissions

closed (1 July 2024)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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