

Special Issue

AI-Driven Innovations in Urban Resilience and Climate Adaptation

Message from the Guest Editors

We seek contributions that utilize GeoAI to predict, analyze, and enhance urban resilience against extreme weather events, sea-level rise, and other climate-related risks. These contributions would highlight the transformative potential of GeoAI in making urban areas more robust and prepared for future challenges. The scope of the Special Issue includes, but is not limited to, the following topics:

- GeoAI for enhanced prediction and management of climate risks.
- GeoAI applications for urban resilience and vulnerability assessment.
- GeoAI-supported designs and solutions for adaptive urban infrastructure systems.
- Advancements in GeoAI methodologies for mapping and mitigating climate risks.
- Integration of GeoAI in urban planning for climate change adaptation strategies.
- Case studies on the successful implementation of GeoAI in urban resilience initiatives.
- Theoretical advancements in GeoAI about climate impacts and adaptation in urban settings.
- Development of GeoAI tools and technologies that aid in resilience planning and disaster response.

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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.

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