Special Issue

Geospatial AI and Informatics for Urban and Ecosystems Analytics

Message from the Guest Editors

Our Special Issue aims to advance and improve our understanding of the synergy between Geospatial Artificial Intelligence (Geospatial AI or GeoAI) and Urban Ecosystem Analytics to support effective disaster risk reduction, climate adaption, and management for sustainable cities. Geospatial Artificial Intelligence derives insights from complex 'Big' data to extract information and perform predictive analysis. This is useful in automating the process of deriving timely information to help make predictions with the potential to facilitate decision-making to improve the resiliency of urban areas in developing adaptation measures against climate change.

We seek to collect original research papers and review articles from different parts of the world that address cutting-edge developments and challenges to the integration of Geospatial AI (GeoAI) and Urban Ecosystem Analytics to extract vital information from an increasing amount of Earth Observation systems and Big Data repositories. We also encourage manuscripts that expand on GeoAI applications (GeoAI Moonshot) with regard to climate change and the ecosystem resilience of cities in developed countries and the Global South.

Guest Editors

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Prof. Dr. Wenwen Li

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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.

Editor-in-Chief

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