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Advances in AI-Driven Geospatial Analysis and Data Generation

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Message from the Guest Editors

In recent years, the integration of Artificial Intelligence (AI) with geospatial technologies has revolutionized the field of geodata science. In particular, the advent of Geospatial Artificial Intelligence (GeoAI) and Generative AI has significantly expanded the capabilities of traditional geospatial methods, allowing for unprecedented advancements in the mapping, extraction, generation, and analysis of spatial information.

This Special Issue seeks to explore the transformative potential of AI in the realm of spatial data applications. It invites the submission of original research papers and review articles centered around the use of AI for mapping, extraction, generation, analysis, and communication of spatial data, which exemplify the novel methodologies, algorithms, and applications stemming from the integration of AI in processing and generation of spatial data. In addition to contributions that apply AI in geographic contexts, we encourage synergistic research that advances both the spatial sciences and AI research at large.



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Special Issue



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Message from the Editor-in-Chief

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