Editorial

Editorial: Launching the *GeoAI and Geoinformatics*

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It is with great enthusiasm that we introduce *GeoAI and Geoinformatics*, an international, peer-reviewed, open-access journal dedicated to advancing interdisciplinary research and innovation at the frontier of geospatial science and technology. This journal aims to provide a premier platform for integrating perspectives across the Earth, environmental, and social sciences with cutting-edge developments in computer and data sciences. Our mission is to foster cross-disciplinary collaboration that drives methodological innovation and produces scalable, data-driven solutions to real-world environmental and societal challenges.

The rapid evolution of artificial intelligence, machine learning, and big data analytics has transformed the way we collect, analyze, and interpret spatial information. By combining these advances with geoinformatics, remote sensing, and spatial statistics, we can more effectively capture, model, and visualize the complex processes that shape our planet—ranging from ecosystem dynamics and urban development to hydrologic and climatic systems. *GeoAI and Geoinformatics* places particular emphasis on research that integrates transformative technologies—such as deep learning, state-space modeling, computer vision, and advanced visualization—with traditional geoscience methodologies. This synergy is essential for improving our understanding of Earth's interconnected systems and supporting informed decision-making for sustainable development.

The journal welcomes a broad spectrum of contributions, including theoretical, methodological, and applied studies. Key areas of interest include (but are not limited to): Computational and methodological advances in spatiotemporal analysis and data fusion; Earth system and environmental science applications; Urban informatics, land-use dynamics, and sustainable development; Innovations in Earth observation, remote sensing, and sensor networks; Integration of AI, big data, and cloud-based geospatial infrastructures.

GeoAI and Geoinformatics is firmly committed to editorial excellence. Each submission will undergo rigorous peer review and will be accepted based on its scientific merit, originality, and potential impact. We seek to establish the journal as a trusted venue for the geospatial and data-science communities, promoting both academic rigor and real-world relevance.

Our editorial board comprises distinguished experts spanning computer science, geography, environmental engineering, and urban studies. Their collective expertise and dedication to scientific integrity will play a pivotal role in shaping the journal's direction and fostering a vibrant, global research community.

We warmly invite researchers, authors, and reviewers to join us in building this journal and contributing to the advancement of geospatial intelligence and AI-driven environmental research.

Conflicts of Interest

The authors declare no conflict of interest.

Use of AI and AI-Assisted Technologies

No AI tools were utilized for this paper.