Special Issue

GIS and RS for Spatial Documentation, Analysis and Interpretation in Multi-Scale Archaeological Applications

Message from the Guest Editors

The role of GIS and Remote Sensing has evolved from providing technical support to embodying foundational methodological presuppositions within archaeology's "spatial turn" and data-driven paradigms. This special issue explicitly focuses on applying these spatial approaches to address archaeological problems across diverse scales and contexts. We invite contributions utilizing spatial information technologies for the documentation, analysis, interpretation, and narrative construction of archaeological spaces. This issue aims to advance spatial methodologies in archaeological inquiry by showcasing concrete applications of remote sensing and spatial data science. We particularly encourage submissions discussing innovative spatial data acquisition technologies (e.g. LiDAR, Unmanned Aerial Vehicle (UAV), Autonomous Underwater Vehicle (AUV) and underwater photogrammetry), Geospatial Artificial Intelligence (GeoAI), Large Language Models (LLMs), spatial big data, spatial knowledge graph, immersive digital environments and interactive spatial visualization, and other emerging spatial information technologies.

Guest Editors

Prof. Dr. Jie He

Prof. Dr. Fulong Chen

Dr. Massimiliano Pepe

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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