Special Issue

GeoAI for Land Use Observations, Analysis and Forecasting (Second Edition)

Message from the Guest Editors

GeoAI has the potential to foster far-reaching changes to our understanding of land use patterns and their impact on the environment and, as this technology continues to evolve, we can expect to see increasingly sophisticated applications. GeoAI has enormous potential to contribute to a more sustainable future.

In this Special Issue, we seek groundbreaking research and case studies that demonstrate future applications and advances in geographic artificial intelligence. Relevant topics include, but are not limited to the following:

- Artificial intelligence for land use;
- Geospatial artificial intelligence (geospatial AI or GeoAI) for land use;
- AI in geostatistics and spatiotemporal simulation;
- AI For geospatial data acquisition, analysis, planning, and prediction;
- Hyperspectral imaging (HSI), lidar, and synthetic aperture radar (SAR);
- Land change detection;
- Natural resource management;
- Semantic reasoning, semantic representation, and knowledge bases;
- Object detection and semantic segmentation;
- Natural disaster forecasting;
- Spatiotemporal integration;
- Time series prediction and forecasting;
- Wetland classification and forecasting.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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