Special Issue

Geospatial Foundation Model in Urban Environments: Challenges and New Technologies

Message from the Guest Editors

As for Remote Sensing, I am very happy to announce this Special Issue on "Geospatial Foundation Model in Urban Environments: Challenges and New Technologies". The Editors and I are warmly inviting you to contribute with state-of-the-art research papers on the urban environments, urban dynamics, urban public health, urban human mobility, urban spatial networks, urban socioeconomic sustainability, and urban crime with modern machine learning theory and technology. Innovative contributions on employing CNN, Transformer model, GNN, and Foundation model to support the SDGs of urban are welcome, as well as papers on the combined use of remote sensing and human trajectory data to discover hidden human behavior patterns. Also, we look forward to the presentation on your part of research results on innovative applications and progress on the topic of urban and carbon neutrality employing Remote Sensing and Artificial Intelligence. Review contributions are welcomed, as well as papers describing new measurement concepts/sensors.

Guest Editors

Dr. Haifeng Li

Dr. Wei Tu

Dr. Di Zhu

Dr. Yang Xu

Deadline for manuscript submissions

closed (31 October 2023)

About the Journal

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

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)