

Special Issue

Multi-Source Remote Sensing and Spatial Statistical Analysis in Urban Sustainability Research

Message from the Guest Editors

1) Urban Climate Change: Research that examines how multi-source RS data, e.g., aerial and satellite optical, hyperspectral, LiDAR, and SAR images, as well as in situ measurement, can be utilized to monitor and model urban climate patterns, including temperature variations, precipitation changes, and extreme weather events, is welcome.

2) Urban Heat Islands: Studies that use aforementioned multi-source RS data to map and analyze urban heat islands at different spatial and temporal scales are welcome.

3) Geohazards: We encourage studies that examine the potential of remote sensing technologies such as DInSAR and PSInSAR using aforementioned multi-source RS data for the early detection, monitoring, and risk assessment of geohazards (e.g., landslides, land subsidence, and earthquakes) in urban areas.

4) Flood Disasters: Studies using optical, hyperspectral, LiDAR, and SAR data for flood mapping, flood risk assessment, and floodplain management are encouraged.

5) Biodiversity Conservation: Studies on how aforementioned multi-source RS data and spatial analysis can support urban biodiversity conservation efforts are welcome.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



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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.

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