Special Issue

Monitoring Land Use Efficiency and Urban Expansion within the Context of the UN 2030 Agenda for Sustainable Development

Message from the Guest Editors

This Special Issue aims to collect studies that explore diverse applications of remote sensing data from different sensors and platforms for monitoring land-use efficiency and urban expansion within the context of the UN 2030 Agenda for sustainable development. We welcome contributions that focus on the integration of multisource data, including high-resolution, hyperspectral, SAR and night-time light data, for urban application. While not limited to these, potential topics that articles may address include:

- Land-use change mapping, modeling and application
- Assessment of land-use efficiency
- Urban disaster monitoring
- Sustainable urban development
- Multisource remote sensing data fusion
- Urban heat island and thermal sensing
- Urban green spaces
- Environmental conservation
- Impacts of urban expansion on ecosystem services and natural resources
- Integrating remote sensing and social media data
- Greenhouse gas emissions
- Methods and algorithms in urban applications

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2025)

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Message from the Editorial Board

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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