



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

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Message from the Guest Editors

In recent years, numerous satellite and aerial remote sensing monitoring systems have been deployed, providing abundant data sources characterized by high spatiotemporal resolution and rich spectral information. By synergistically utilizing these multisource remote sensing data and leveraging cutting-edge methods, we can greatly enhance both the accuracy and frequency of monitoring urban areas, advancing our understanding of land-use efficiency and urban expansion. This holds immense significance for identifying urban development issues, mitigating urban risks and disasters, and ensuring the healthy growth of cities, in alignment with the SDGs outlined in the UN 2030 Agenda for sustainable land use and urban development.

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 applications.





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Message from the Editor-in-Chief

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