

Special Issue

Smart Monitoring of Urban Environment Using Remote Sensing

Message from the Guest Editors

As the 21st century progresses, urbanization continues to change the land into the primary habitat for most of the global population. This rapid urban expansion requires a deeper discussion of the changing urban environment, which is critical in achieving sustainable development across global and regional scales.

Metropolitan areas are a system where people and nature are connected, and we look at how socio-economic processes interact with the surrounding rural and natural areas. Therefore, understanding how the urban environment supports their functioning becomes crucial for sustainable urban development. This Special Issue aims to gather high-quality and innovative scientific articles that combine remote sensing and data science to improve the smart monitoring of cities. Studies should encompass the latest global trends and focus on innovative methods for addressing critical urban challenges, such as heat mitigation, water resource management, and the role of urban agriculture in enhancing food security, with the overall goal of improving the quality of life and offering valuable insights for policy recommendations and sustainable urban planning.

Guest Editors

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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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