Special Issue

Remote Sensing Applied in Urban Environment Monitoring

Message from the Guest Editors

The world is witnessing an unprecedented rate of urbanization, which brings forth complex challenges in environmental management, public health, and sustainable development. Remote sensing technology, with its capability for synoptic, repetitive, and objective observations, has become an indispensable tool for monitoring and understanding the intricate dynamics of urban environments. These advancements enable us to move beyond traditional mapping towards modeling complex urban processes, predicting future scenarios, and assessing human exposure to environmental risks with unprecedented accuracy and detail. This Special Issue aims to compile the latest innovative research and practical applications that address the multifaceted challenges of contemporary cities. It seeks to highlight how modern remote sensing data combined with advanced analytical methods, are transforming our understanding of urban systems. This topic is central to the scope of Remote Sensing, which is dedicated to the science and application of remote sensing technology, fostering the dissemination of cutting-edge research featuring data collection, analysis, and interpretation.

Guest Editors

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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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