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Remote Sensing Applications in Urban Greenery and Water Management

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Message from the Guest Editors

While the recently emerged concepts of “greening cities” and “sponge cities” are dynamically evolving, numerous cities around the globe have made significant efforts to increase and enhance their green spaces. There is growing recognition that urban greenery provides multiple environmental services and is important to public health and well-being. Yet, our ability to maximize the benefits of urban greenery requires an improved understanding of its interactions with hydrologic and climatic processes.

This SI is focused on advances in remote sensing applications to measure, map, and monitor hydrologic and climatic characteristics for the efficient and sustainable water management of urban greenery. The ability of remote sensing to characterize land surface properties on a range of spatial and temporal scales makes it a unique tool for addressing water fluxes in urban vegetation. Developing novel methodological approaches and identifying opportunities and limitations of remote sensing applications are essential to advancing urban ecohydrology, improving urban water management, and empowering cities to develop innovative sustainable designs and practices.

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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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