# Special Issue

# Thermal and Optical Remote Sensing: Evaluating Urban Green Spaces and Urban Heat Islands in a Changing Climate

## Message from the Guest Editors

Understanding urban spatio-temporal ecological and natural patterns is critical for the management of urban physical, ecological and social processes. Specifically, understanding past, present and future patterns and drivers is critical for among others urban environmental management, urban spatial planning, optimal and sustainable use of urban landscapes and climate change mitigation. A recent proliferation of remotely sensed datasets offer great potential in understanding the relationship between urban process and their respective ecological and natural integrity. This Special Issue focuses on theoretical and practical adoption of remote sensing approaches and datasets in understanding urban green and natural infrastructure and related ecosystem services. Specifically, the special issue solicits articles exploring among others: urban green spaces mapping and transformation, non-ecological urban natural assets, thermal characteristics and variability, green spaces and urban forests rehabilitation, quantification and mapping of ecosystem services and micro and macroclimate change modelling. For more information: https://www.mdpi.com/si/76478

## Guest Editors


Prof. Dr. John Odindi

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## Deadline for manuscript submissions

closed (30 June 2022)


# Remote Sensing

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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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