Special Issue

Remote Sensing of Climate Change Influences on Urban Ecology

Message from the Guest Editors

Urban areas stand at the forefront of climate change impacts, experiencing intensified heat stress, altered precipitation patterns, and an increased frequency of extreme weather events. Understanding and monitoring these impacts is crucial for developing effective climate adaptation strategies and maintaining vital urban ecosystem services. Remote sensing technologies offer powerful tools for monitoring and analyzing these complex urban ecological dynamics across multiple spatial and temporal scales. We encourage submissions that demonstrate both methodological advances and practical applications in urban ecological monitoring and assessment. This includes studies utilizing various remote sensing platforms and data types, from satellite imagery to aerial photography, as well as those integrating multiple data sources. We particularly welcome interdisciplinary research that bridges remote sensing capabilities with urban ecological theory and practice, thereby advancing our understanding of climate change impacts on urban ecosystems and informing evidence-based urban planning and management strategies.

Guest Editors

Dr. Ahmed Derdouri

Prof. Dr. Yuji Murayama

Dr. Fei Liu

Dr. Darshana Athukorala

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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