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Understanding Urban Systems Using Remote Sensing

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Deadline for manuscript
submissions:

closed (15 March 2021)

Message from the Guest Editors

Dear Colleagues,

The rapid pace in remote sensing (RS) technology makes RS a vital data source for monitoring urban systems such as urban growth, suburban sprawl, slum detection, urban ecosystem services, land surface temperature, identifying damaged infrastructures due to extreme events. We are pleased to announce a Call for Papers on Understanding Urban Systems Using Remote Sensing. This Special Issue provides a forum for the exchange of ideas and information about the uses of RS data and technology in understanding urban systems. Areas of interest include but are not necessarily restricted to:

Monitoring and predicting land-use/cover change using RS data;

Monitoring urban green and blue infrastructure using RS data;

Modeling smart, resilient, green, and equitable cities using RS data;

Image processing and classification;

Big data and deep learning;

Google Earth Engine applications for urban studies;

Unmanned aerial system (drone) applications for urban studies;

Thermal RS for land surface temperature in built-up environments;

RS open data policies and infrastructure.

Dr. Ahmed Mustafa

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Guest Editors



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Special Issue



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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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