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Applications of AI and Remote Sensing in Urban Systems II

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Deadline for manuscript submissions:
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Message from the Guest Editors

Remote Sensing is a vital data source for the monitoring of urban system dynamics such as urban growth, suburban sprawl, slum development, urban ecosystem services, land surface temperature, and damaged infrastructures due to extreme events. While our call for papers on monitoring urban systems using remotely sensed data will consider submissions from a broad range of related topics, this Special Issue particularly welcomes contributions that use AI methods for the exploration of remote sensing big data. Our aim is to provide 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:

- Big data and deep learning;
- AI for image classification;
- Google Earth Engine applications in urban studies;
- Monitoring and predicting land use/cover change using remote sensing data;
- Monitoring urban green and blue infrastructure using remote sensing data;
- Unmanned aerial system (drone) applications in urban studies;
- Thermal remote sensing applications in land surface temperature;
- Remote sensing open data policies and infrastructure.

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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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