



Remote Sensing of Urban Ecology and Sustainability

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Deadline for manuscript
submissions:

closed (31 October 2019)

Message from the Guest Editors

Remote Sensing offers an efficient method with which to monitor and observe the urban ecosystem and sustainable environment in a real-time and high-spatial-resolution manner. After more than 50 years of development, various remote sensing techniques (optical, thermal infrared, microwave (SAR/INSAR), light detection and ranging (LIDAR), and night lights) have been widely applied to understand the urban environment. We are requesting papers for a Special Issue of Remote Sensing on the remote sensing of urban ecology and sustainability. Specific topics include, but are not limited to

- The use of remote sensing to understand the ecological consequences of urbanization, such as biological invasion, habitat fragmentation, etc.
- The use of remote sensing to develop urban green infrastructure
- The exploration of urban heat island effects and ecosystem services using remote sensing
- Novel remote sensing application (new sensors, new methodology, etc.) in urban ecology and sustainability

We especially encourage submission with a combination of different methodologies (remote sensing, spatial analysis, urban climatology, etc.) to understand the overarching topic.





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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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