



## Remote Sensing of Urban Ecology and Sustainability

Guest Editors:

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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.

