Special Issue

Spatial Analysis and Modeling in Urban Remote Sensing

Message from the Guest Editors

Remote sensing technologies provide an innovative means for monitoring, synthesizing, and modeling urban environments. Especially, recent progress in very-high-resolution, hyperspectral, Lidar, and UAV remote sensing techniques, together with traditional medium-resolution and coarse-resolution imagery, have made the comprehensive understanding and modeling of urban environments possible. This Special Issue emphasizes the application of spatial analysis and modeling techniques for monitoring, synthesizing, and modeling urban environments. Topics of interest include, but are not limited to, the following topics:

- Urban land use/land cover mapping and change analysis;
- New sensors' (e.g., Lidar, UAV, and hyperspectral) applications in analyzing urban environments;
- Integration of social sensing and/or GeoAI techniques and urban remote sensing;
- Image processing algorithm development for monitoring and modeling urban environments;
- Public health applications (e.g., heat stress);
- Urban planning practices;
- Analysis and modeling of environmental impacts (e.g., flooding, air and water pollution, biodiversity, eco-environment, etc.).

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About the Journal

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

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