

Special Issue

Usage of Remote Sensing Data and Machine Learning Methods for Sustainable Urban Planning

Message from the Guest Editor

Cities contribute to the acceleration of climate change, not only by directly increasing air and water pollution but also by creating heat islands, which damage the outside environment. Highly populated cities increase the demand for energy, transportation, water, and solutions for acquiring these supplies in a smart manner. This could be achieved by understanding current resource needs, elucidating the behaviours that lead to unsustainable resource use, and offering new intelligent ways to suggest new strategies for keeping our resources clean and available for the health of citizens and even the good functioning of economies.

Researchers might bring more insights and understanding to this field using some techniques to extract meaningful indicators from Earth-observation and other IoT data. For instance, showing the correlations of different indicators. If possible, I would like to encourage researchers to use their novel methods on some real-life use cases and conduct experiments for a specific city that they know well.

I am looking forward to receiving manuscripts that are dedicated to helping our planet and taking the state of the art in this field one step further.

Guest Editor

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Deadline for manuscript submissions

closed (7 October 2021)



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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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