

Special Issue

Monitoring Urban Areas with Satellite SAR Remote Sensing

Message from the Guest Editors

In recent years, SAR sensors have gained relevance as a tool to monitor urban environments. The wide range of available sensors mounted on different platforms such as satellite, drone or ground-based, together with the strong effort made in research have increased the range of applications in such types of environments. The Special Issue aims to collect the latest innovative research results related to this topic. These can include new data processing algorithms and procedures, results based on new types of SAR data, and the development of innovative urban monitoring applications. The topics of interest include but are not limited to:

- New interferometric developments for urban monitoring: deformations, changes, damage mapping;
- Different types of data exploitation, polarimetric SAR data, new constellations such as Ice-Eye of Capella space, etc.;
- Multisensor multiscale approaches, data integration, integration with optical data;
- Development of innovative applications for urban planning and monitoring;
- Validation exercises;
- Review papers on the use of satellite SAR data or urban deformation monitoring.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



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Message from the Editorial Board

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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