



Monitoring Urban Areas with Satellite SAR Remote Sensing

Guest Editors:

Dr. Oriol Monserrat

Dr. Qi Gao

Dr. Anna Barra

Dr. Jorge P. Galve

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submissions:

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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.





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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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