Special Issue

Advances in Surface Deformation Monitoring Using SAR Interferometry

Message from the Guest Editors

This Special Issue aims to explore advanced InSAR technology and its innovative algorithms and applications in multi-scale surface deformation monitoring, including the new generation SAR sensor and its surface deformation monitoring effect, intelligent algorithm deformation information mining, wide-area InSAR deformation monitoring, geohazards monitoring, integrated remote sensing geological disaster analysis, and InSAR geophysical monitoring and modeling. By presenting the latest progress of InSAR technology in surface deformation monitoring, this Special Issue will provide rich literature resources for geohazard monitoring and modeling analysis of geophysical phenomena and provide a valuable achievement exchange platform for scholars in related fields. We welcome original research papers and review articles on a variety of topics within advanced InSAR surface deformation monitoring, including but not limited to the following:

- Advanced InSAR deformation monitoring method and application;
- Multisensor, multitrack, and multitemporal InSAR;
- Wide-area InSAR deformation monitoring;
- Intelligent identification of geohazard;
- Deformation modeling and parameter inversion.

Guest Editors

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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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