



Imaging Geodesy and Infrastructure Monitoring

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submissions:

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Message from the Guest Editors

The surge in the availability of high spatial resolution Synthetic Aperture Radar (SAR) data has allowed ever increasing use of modern SAR sensors for mapping applications and investigating deformation processes related to natural and man-made hazards. The main objective of this special issue is to present the progress, and state-of-the-approaches in algorithm development and scientific exploitation of SAR data to retrieve information about infrastructure. Contributions reporting on SAR tomography and compressive sensing, combination of SAR/InSAR data with other optical and geotechnical sensors for urban mapping and improving the efficiency of remote sensing products for operational monitoring, integration of SAR/InSAR products with numerical and analytical geotechnical models for stability analysis of infrastructure, polarimetric analysis of urban environment as well as contributions to the achievement and use of cm-level absolute geolocation accuracy are welcome.





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Message from the Editor-in-Chief

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