Special Issue

Imaging Geodesy and Infrastructure Monitoring

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.

Guest Editors

Prof. Dr. Mahdi Motagh

Prof. Dr. Richard Bamler

Prof. Dr. Zhenhong Li

Prof. Dr. Ramon Hanssen

Deadline for manuscript submissions

closed (1 September 2018)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/11706

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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.

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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