Special Issue

Remote Sensing for Monitoring Infrastructure Deformation

Message from the Guest Editors

Monitoring systems capable of detecting and measuring slow structural deformation are based on a variety of technologies, from the ground-based methods to aerial and satellite data collected from different sensors (e.g., hyperspectral, SAR, LiDAR, UAV, thermal imagery, etc.). Besides, the growing use of UAVs has opened new challenging applications for camera vision systems based on such systems. The goal of this Special Issue is to gather high-quality original research articles and reviews on current research studying methods and data analysis adopted for infrastructure deformation monitoring. We would like to invite manuscripts on one of the topics of interest. These include, but are not limited to, the development, validation, and implementation of innovative monitoring techniques as well as processing methods and applications for controlling and managing large civil infrastructure. Moreover, we cordially welcome application papers, including change detection, data fusion/data integration, and technical reviews.

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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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