Special Issue

Fusion of InSAR Data and Other Sources for Infrastructure Monitoring

Message from the Guest Editor

Multi-temporal InSAR (MTI) techniques are therefore perfectly suited to the monitoring of infrastructures such as roads, railways, pipelines, power networks, dams, etc. This special issue welcomes significant contributions on topics such as the following:

- new MTI/InSAR processing techniques aimed at expanding sensitivity to small displacements, such as multi-track /multi-sensor integration, atmospheric effects estimation and removal, expansion of the class of detected targets (distributed, partially or temporally-limited coherent targets);
- new methods of classification /characterization of nonlinear, complex terrain displacements based on the availability of long MTI time series measurements;
- integration of MTI data with other remote sensing displacement monitoring techniques such as GPS, speckle tracking, etc.;
- integration with ground displacement monitoring devices such as inclinometers, laser sensors, and other surface or subsurface sensors;
- experiences of integrated monitoring of infrastructures on various spatial and temporal time scales.

Guest Editor

Dr. Alberto Refice

National Research Council—Institute for Electromagnetic Sensing of the Environment (CNR-IREA), 70126 Bari, Italy

Deadline for manuscript submissions

closed (31 March 2022)

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

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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.

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

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