



Fusion of InSAR Data and Other Sources for Infrastructure Monitoring

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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.





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Message from the Editor-in-Chief

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