



Time Series Multi-Sensors of Interferometry Synthetic Aperture Radar for Monitoring Geographical Conditions

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Deadline for manuscript
submissions:
closed (30 September 2024)

Message from the Guest Editors

Interferometric synthetic aperture radar (InSAR) time-series analysis has emerged as a revolutionary tool in the realms of remote sensing and geomatics, offering unparalleled insights into the Earth's dynamic processes. Traditional InSAR approaches relied on data acquired from a single satellite. However, the advent of multiple SAR satellite missions has paved the way for multiplatform InSAR. Furthermore, the integrated use of SAR acquisitions originating from different sensors has the potential to reveal different features within the same area of study.

This Special Issue welcomes submissions on applications of multi-sensor InSAR time-series analysis monitoring a wide range of geographic conditions and changes introduced by solid earth deformation and geohazards, coastal erosion, glacier dynamics, deforestation, hydrology changes, and urban development. We also invite submissions that integrate global navigation satellite systems (GNSS) and related geodetic techniques to the InSAR time-series processing workflow.





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Message from the Editor-in-Chief

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Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

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