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InSAR for Earth Observation

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Message from the Guest Editors

The primary goal of the Special Issue is to present overviews of both the state-of-the-art of SAR and the next generation of applications across the broad range of InSAR Earth science applications. Papers that address the expanding depth of SAR databases, the increase in resolution (both in time and space), and the growth of the number of SAR sensors orbiting the Earth are of particular interest. We welcome submissions from all areas of Earth sciences that might include, but are not limited to, techniques that take advantage of the recent and upcoming SAR satellite acquisitions, develop advanced methods for improving ionospheric and/or atmospheric artefact corrections, present innovative methods for unwrapping, investigate specific methods such as multichromatic interferometry, or investigate methods for assimilating and optimizing the associated large quantities of data and quantifying the associated error, or describe algorithms for integrating various types of satellite observations.



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Special Issue



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Message from the Editorial Board

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