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Multi-temporal Synthetic Aperture Radar

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Message from the Guest Editors

Today, the remote sensing community is experiencing an unprecedented abundance of data which is boosting the development of more and more applications for temporal analysis of our rapidly changing planet. However, this huge availability of data is posing new problems to the SAR scientific community. Visualization, change-detection, clustering, and labelling of long time-series in a big-data scenario is still an open problem, as well as their exploitation in combination with other sensory data in a multi-frequency environment.

The objective of this Special Issue is to delineate the state-of-the-art in SAR time-series data processing methodologies. Contributions are expected on (but not limited to) the following topics:

- Multi-temporal SAR data analytics
- Visualization of time-series data
- Multi-sensor and multi-frequency data fusion
- Integration of SAR data with other remote sensing products
- SAR data exploitation and information retrieval for land, ocean, urban areas and forestry applications



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Message from the Editorial Board

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