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Synthetic Aperture Radar (SAR) Techniques and Applications

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Message from the Guest Editor

Dear Colleagues,

Synthetic Aperture RADAR (SAR) became a well-established and powerful remote sensing technology used worldwide for several applications thanks to the possibility of sensing the Earth surface at night and day and in any weather condition. Recent advances have dramatically raised on SAR monitoring potential by improving spatial resolution, revisit time, swath width, polarimetric capability. Moreover, the present and forthcoming space-borne missions allow SAR imaging at different bands and acquisition modes (e.g. spotlight, wide swath, bistatic, multistatic, geosynchronous). All these advances stimulated the investigation of new processing algorithms, products, and applications able to fully exploit new sensor capabilities (e.g. wide spectral band, short revisit time, multi-angle view), and the large SAR data archive.

For further information, please visit mdpi.com/journal/sensors/special_issues/SAR_techniques_applications.

Dr. Fabio Bovenga
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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