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Multipass Synthetic Aperture Radar for Monitoring the Built Environment and Preservation of the Cultural Heritage

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Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Built environment and cultural heritage worldwide often face environmental and human-induced hazards that can potentially threaten their integrity, security, historical value, and accessibility. In recognition of the increasing role of Synthetic Aperture Radar (SAR) technology for built environment monitoring and cultural heritage preservation, this Special Issue aims to highlight the recent advancements and developments of multitemporal SAR processing, including multibaseline interferometric and tomographic processing. In this regard, we solicit papers describing challenging conceptual and practical problems.

With reference to the built environment and cultural heritage, potential topics include, but are not limited to:

- Advanced Methodologies Exploiting SAR Images
- Multitemporal SAR Imaging, including Multibaseline InSAR, Advanced DInSAR; Persistent Scatterers Interferometry
- SAR Tomography Approaches
- Future Space SAR Missions and New Generations SAR sensors
- Integration of Multipass SAR data and proximal/in-situ sensing data

Review articles covering one or more of these topics are also welcome.

For more information:

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Special Issue



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Message from the Editor-in-Chief

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