Special Issue

Radar Interferometry in Big Data Era

Message from the Guest Editor

Synthetic Aperture Radar (SAR) Interferometry (InSAR) is a unique technology that widely used to measure ground subsidence and has already shown its ability to map such phenomena on a large spatial scale with millimetric accuracy from space. Sentinel-1 and the near future NISAR missions offer an unprecedented multi-temporal dataset of InSAR. Consequently, the processing of the Big Data is challenging for InSAR analysis techniques. This Special Issue is intended to present high-quality scientific review papers of existing achievements in the development and applications of InSAR techniques, or research papers that describe improved methods of InSAR in Big Data era; improved methods of interpretation of InSAR data; as well as demonstration InSAR Big Data applications. The recent Deep Learning technique for InSAR applications will also be included in this Special Issue.

Guest Editor

Dr. Habil. Dinh Ho Tong Minh
IRSTEA-UMR TETIS

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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