

Future Developments of InSAR Analysis Applied to the Detection of Ground Deformations

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Apprication of SAR Interferrometry to detect the ground deformation will be historically and critically reviewed.

Now, the application studies of SAR interferometry have become new stage due to the development of technology, so that its application to the geodetic problems needs to respond to reveal a new geophysical phenomena, such as deformations correlete to the deep non-volcanic tremors, very long period vibration emerged from the active volcanoes, and etc.

In addition, future developments of application SAR Interferrometry will be discussed for imaging and visualization of crustal deformation, as well as volcanic activity.