

InSAR: Current Capabilities and Limitations as a Surveying Technology

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SUMMARY

Interferometric Synthetic Aperture Radar (InSAR) has been proven a powerful surveying technology that has many important fields of applications such as DEM generation, ground deformation measurement and geological hazard studies. The technology is relatively new and is still currently undergoing rapid development. This paper examines the current capabilities and limitations of the technology. The current research issues and future potentials of the technology as a surveying tool will also be discussed.

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