

and use pixels with strong coherence.

Third, in order to summarize the above results, it is necessary to study the method to suppress the noise propagation caused by low coherence in the agricultural area where agricultural and urban areas are mixed.

In this study, we set up Test-Bed in urban area and agricultural area based on Coherence, applied Goldstein technique and Boxcar filter, and research to find optimal filtering algorithm. It is intended to improve the accuracy of the D-InSAR technique and is deemed useful for analyzing short-term series analysis using less than 15 images.

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