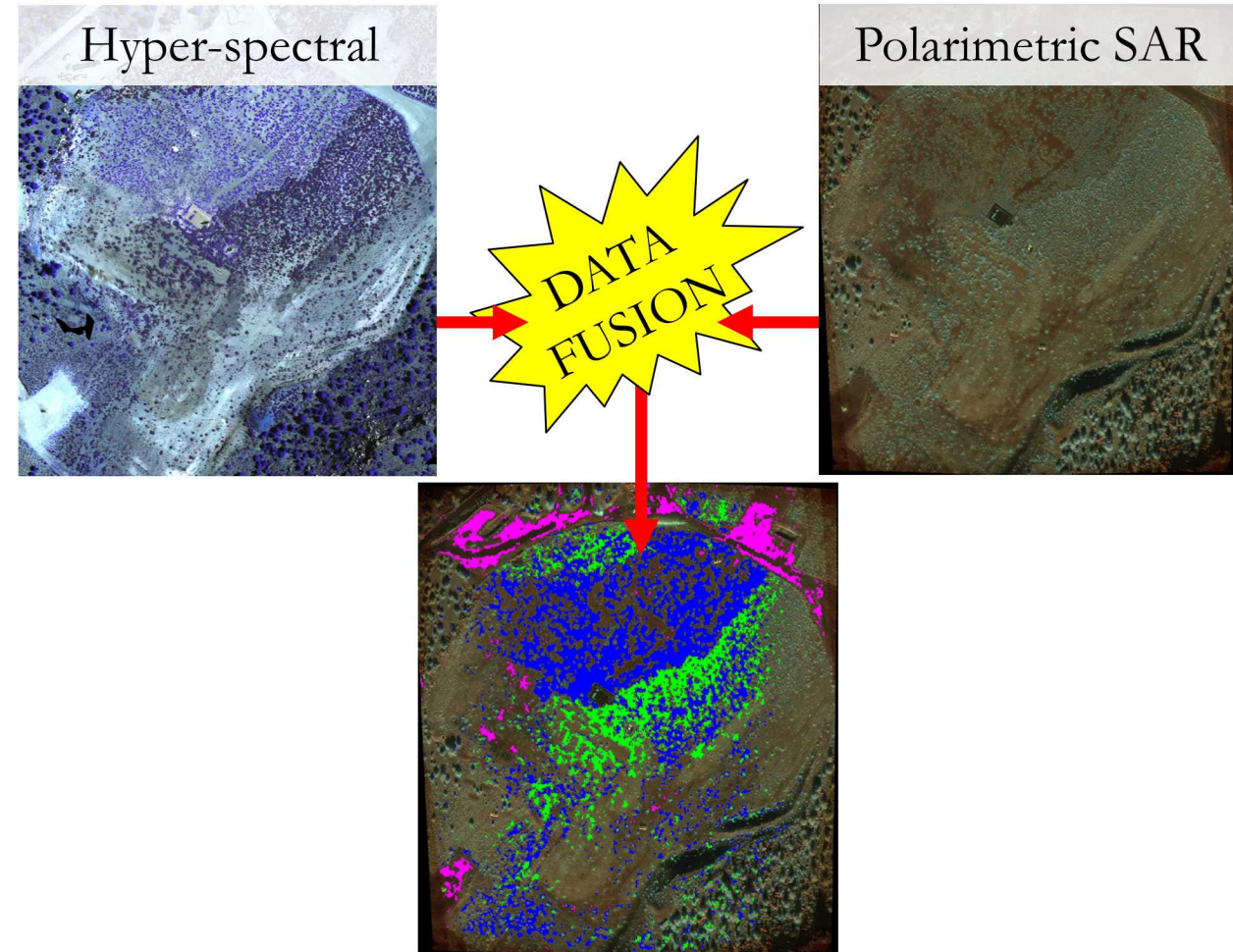# Hyper-spectral and Polarimetric SAR Data Fusion for Terrain Classification Using Probabilistic Feature Fusion

Can heterogeneous remote sensing data be fused to derive more succinct and meaningful information about a scene?

YES! We demonstrate hyper-spectral and Polarimetric synthetic aperture radar data fusion for terrain classification.

This data fusion framework is generic and may prove to be a valuable aide in the identification of non-prompt underground nuclear explosion signatures!

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