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Subject: Principle Componets Analysis

Posted by [David Fanning](#) on Thu, 23 Aug 2007 18:27:15 GMT

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Folks,

Is it just me, or is this turning into an ENVI forum...

I have three bands of a Landsat image. They come in three separate files (GEOTIFF). I have opened all three in ENVI. I wish to perform a principle components analysis of these three images, and capture the first principle component for further analysis.

ENVI seems to want to have these three images in the same file or something. In any case, I can't work out how to get these three images into the PC apparatus. Perhaps if I could make a new ENVI image of these three bands? What if I wanted to do the analysis with four image bands?

Any help appreciated.

Thanks,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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