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Subject: georeference or mosaick  
Posted by [cinthia.loial](#) on Thu, 14 Feb 2002 16:33:30 GMT  
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Hi all,

If I georeference or mosaick a multi band image, the result is apply only on the first band.

(ENVI and IDL)

In my application, the input file is a HDF-EOS file (BSQ)

How can I get these two operations work on all the bands?

In IDL, if I open a HDF-EOS (BSQ) with `envi_open_file`, I have to select manually all the bands.

Is there an options to open them all automatically?

Thanks,

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Subject: Re: georeference or mosaick  
Posted by [Vincent Schut](#) on Mon, 18 Feb 2002 08:34:51 GMT  
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Hi Cinthia,

first do a good look at your ENVI help, go to the 'programmers' section and check out the procedure you use to open this file. Check for something to select the band(s). There also might be a seperate routine to read your kind of hdf file, which does give you more options than the standard `envi_open_data_file` routine.

The 'problem' with hdf files often is that every band actually is in a different file, but that in every file there are 'pointers' to the other files, making it look like they are other bands in the same file.

Otherwise, you could try to open each band (means (probably) hdf file) seperately to do the calculation on each band apart.

btw, I have no experience with hdf-eos data, just with spot vegetation hdf data. So it could be that this answer does not entry apply to your case. You'll have to find out yourself :-)

I hope it is a hint in the right direction for you.

Cheers,  
Vincent.

Cinthia wrote:

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