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Subject: Re: Help with code for hyperspectral image analysis

Posted by [Brian Daniel](#) on Mon, 11 Jun 2012 16:43:00 GMT

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Your problem is your call to ENVI\_GET\_DATA. POS has to be a scalar, so ENVI\_GET\_DATA returns only a single band at a time. You should loop through all the bands, apply your filter, then write the band to the output file using writeu. Then, call ENVI\_SETUP\_HEAD to write the header file.

-B

On Monday, June 11, 2012 10:59:55 AM UTC-4, Kel wrote:

```
> ;get data from the image, pos seems to indicate which band to get data from
> f = ENVI_GET_DATA(fid=fid, dims=dims, pos=140)
>
> lmask = f LT 40
>
>
> ;apply the mask to the image array
>
> masked_image=convol(data_holder, lmask)
>
> ;write out the result as an envi file
> envi_write_envi_file, masked_image, out_name='masktest'
>
>
> end
```

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