
Subject: Re: Thanks... David, Jeff, and Kuyper! Now that's more like it!!!

Posted by [James Kuyper](#) on Sat, 16 Jun 2007 12:14:36 GMT

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DirtyHarry wrote:

> As you suggested, I went through MODIS website and I upgraded my
> source code... But still 5% not enough, (T.T)
>
> I made a JPG file of 1 band from original image with 20 bands, but the
> shape was not what I wanted... Please check this and give me another
> suggestions.

I think that the most important part of your program probably isn't the part where you select which band to display. What does the code look like that you used to create the original JPG file?

```
> -----  
> PRO MOD07_getband_Ta  
> s_time = systime(1)  
>  
> out_name_Ta = 'Ta_simple.img'  
>  
> envi_open_file, out_name_Ta, r_fid=Ta_fid  
> envi_file_query, Ta_fid, ns=ns, nl=nl, nb=nb  
> dims = [-1, 0, ns-1, 0, nl-1]  
> pos_Ta = lindgen(nb)  
>  
> data = ENVI_GET_DATA(fid=Ta_fid, dims=dims, pos=pos_Ta[19])  
> WRITE_jpeg, 'Ta20test.jpg', data  
>  
> close, /all  
>  
> e_time = systime(1)  
> print, 'Elapsed time for this procedure: ', e_time - s_time , '  
> seconds!'
```

I'm moderately familiar with the use of the envi GUI, but have no experience with it's programming interface. However, reviewing the Envi Help, I couldn't find anything obviously wrong with the code above.
