
Subject: Re: MODIS Conversion ToolKit is not working? Can anyone help me?

Posted by [devin.white](#) on Wed, 20 Jan 2016 11:26:54 GMT

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The color is less important than making sure that the mctk.sav file is properly installed and ENVI is restoring it when it starts. You should see something like "Restored File: MCTK" in the console if that is happening, but you can also try this:

```
help, names='convert_modis_data', /routines, /full
```

If the compiled procedures section is blank, the plugin is not restored. Please carefully follow the installation instructions and note the supported ENVI versions (5.0 and higher).

On Tuesday, January 19, 2016 at 7:29:09 PM UTC-5, kim4ec...@gmail.com wrote:

> I am working on mosaicking 4 MODIS tiles, and trying to use MODIS Conversion Tool Kit.

>

> However, I faced a problem. After I downloaded MCTK from this site,

>

> <https://github.com/dawhite/ENVIPlugins>

>

>

> I placed "mctk.sav" and "modis_products.scsv" files in my save_add folder. the location is:

>

> Windows: c:\program files\exelis\envi52\classic\save_add

>

>

> Now, I found "% Restored file: MCTK" when I began ENVI classic. I think my IDL-ENVI recognizes those two files. However, The color of 'convert_modis_data' is still black, not yet changed to green as shown in user's guide.

>

> Can anyone give me any solutions?

>

> Please take a look at the attached file, and let me know what to do.

>

> Thank you, in advance!

>

> Harry from Korea

>

> -----

> pro Mosaic_011916

>

> ; Path designation

> input_path = 'G:\test_mosaic\' ; add more details.

>

> for date=0,4 do begin

>

> ;print,'Processing MODIS images of DOY',date

```

> dir=input_path
> cd,dir
> files=FILE_SEARCH('MOD11A1*'+strtrim(string(date,format='(I0 3)'),
2)+'*.hdf',count=num_inputfiles)
> ;print,numfiles
>
> output_path = 'G:\test_mosaic\Mosaic\'
> ;MODIS grid file
>
> format='MOD11A1.A2007001.h28v05.005.2008135100357.hdf'
> ;START IMPORTING MODIS LAYERS
>   for i=0,num_inputfiles-1 do begin
>     grid_file=files[i]
>     output_rootname = 'Landinputs_'+strtrim((strmid(grid_file,9,7)+'_'+strmid(grid
_file,17,6)),2)+'_'
>     year=strmid(grid_file,9,4)
>     grid_name = 'MODIS_Grid_Daily_1km_Lst'
>     sd_names = ['Lst_day_1km']
>     out_method = 0
>     convert_modis_data,in_file=grid_file, $ ; I believe 'convert_modis_data' should
>         ; be changed into green color, but remained in black!!!
>     out_path=output_path, out_root=output_rootname, $
>     /higher_product, /grid, gd_name=grid_name, sd_names=sd_names, $
>     out_method=out_method,background=255, fill_replace_value=255
>   endfor
> cd,output_path
> inputs=file_search('Landinputs*'+strtrim(string(date,format= '(I03)'), 2)+'*.img',count=inputfiles)
> ;fids=lindgen(inputfiles)
> print,'inputfiles',inputfiles
>   for i=0,inputfiles-1 do begin
>     envi_open_file,inputs[i],r_fid=afid
>     fids[i]=afid
>   endfor
> numfiles=n_elements(fids)
>
> if numfiles eq 4 then begin
> ;*****START MOSAIC
> ;pos=[[0,1],[0,1],[0,1],[0,1]]
> pos=[[0],[0],[0],[0]]
> ; out_ps=[[463.31271653,463.31271653]] This parameter is for 500m tiles.
> out_ps = [926.6254331, 926.6254331]
> use_see_through = [[1L],[1],[1],[1]]
> see_through_val = [[0L],[0],[0],[0]]
> bandnames=['Lst_day_1km']
> ;out_name=input_path+'mosaicking'+strtrim(date,2)+'*.dat'
> georef_mosaic_setup, fids=fids, out_ps=out_ps, dims=dims, xsize=xsize, ysize=ysize, x0=x0,
y0=y0, map_info=map_info
>   envi_doit,'mosaic_doit',fid=fids,pos=pos,dims=dims,x0=x0,y0=

```

```
y0,background=0,out_dt=2,map_info=map_info,/georef, $
> xsize=xsize,ysize=ysize,pixel_size=out_ps,see_through_val=se
e_through_val,use_see_through=use_see_through,out_bname=band names,r_fid=mosaic
> ;*****REMOVE FIDS AND DELETE INPUTS
>   for i=0,numfiles-1 do begin
>     envi_file_mng, id=fids[i],/remove; ,/delete
>   endfor
> endif
> print,"It's done!!"
> endfor
> end
```
