
Subject: Question on MODIS Conversion Toolkit
Posted by [Harry Kim](#) on Mon, 26 Apr 2010 11:45:34 GMT
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Hi, Everyone. I am back with MODIS Conversion Toolkit (MCTK) Question.

Are there anyone working on MODIS data?

I am working on various MODIS products for ecohydrological processes in Korean peninsula. I tried to use MODIS Conversion Toolkit in programming mode. This tool seems to be useful to process various kinds of MODIS products.

AS some of you know this very well, we can do MCTK both in GUI mod and in batch (programming) mod. I have to process thousands of file, and I cannot do this in GUI mode.

Everytime I tried in programming mod, I got this error message.

"Map information contains an invaild pixel size. This file will not be georeferenced."

Strangely, there was no problem in making images when I tried with the same value in GUI mode.

This is what I have done so far. Please take a look, and let me know what to do.

Hyun Woo

```
-----  
PRO MCTK_MOD11  
compile_opt idl2  
modis_grid_file = 'D:\MODIS11\Data  
\MYD11A1.005\MYD11A1.A2002189.h28v05.005.2007216150809.hdf'  
output_location = 'D:\MODIS11\output'  
output_rootname = 'MYD11_LST'  
grid_name = 'MOD_Grid_Daily_1km_LST'  
sd_names = ['LST_Day_1km']  
out_method = 1  
output_projection = envi_proj_create(/geographic)  
;out_ps_x = 0.008365  
;out_ps_y = 0.008365  
interpolation_method = 6  
  convert_modis_data, in_file=modis_grid_file, $  
    out_path = output_location, out_root= output_rootname, $  
    /higher_product, /grid, gd_name=grid_name, sd_names=sd_names, $
```

```
    out_method= out_method, out_proj=output_projection, $  
    out_ps_x = 0.008365, out_ps_y = 0.08365, num_x_pts=50,  
num_y_pts=50, interp_method=interpolation_method ;, $  
    background = -999  
end  
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```