Subject: Question on MODIS Conversion Toolkit Posted by Harry Kim on Mon, 26 Apr 2010 11:45:34 GMT

View Forum Message <> Reply to Message

Hi, Everyone. I am back with MODIS Converision Toolkit (MCTK) Question.

Are there anyone working on MODIS data?

I am working on various MODIS products for ecohydrological processes in Korean penninsula. 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
jout_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
```