
Subject: Georectify airborne image data

Posted by [sawahrman](#) on Wed, 30 Dec 2015 14:17:25 GMT

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Hello,

I've written some code for georectifying airborne image data, but I'm stuck at one particular point. I'm reading in a GPS file and keep getting this error: READ_CSV: OPENR: Null filename not allowed - see code below.

```
gps_csv_path = FILE_SEARCH(strjoin([HSI_parent_dir,'*GPS.csv']))
all_POS_csv_files = FILE_SEARCH(strjoin([HSI_VNIR_data_dir,'*POS.csv']))

; check to see if the output directories we want exist, if they don't, then create them
if (FILE_TEST(IGMGLT_dir) ne 1) then FILE_MKDIR, IGMGLT_dir
if (FILE_TEST(georect_dir) ne 1) then FILE_MKDIR, georect_dir

;read in the elevation data
elevation_geotiff = read_tiff(elevation_file,geotiff=elevation_tags)

;read in all the gps data and put it in a useable form
gps_data = read_csv(gps_csv_path, HEADER=gpsHeader, N_TABLE_HEADER=1,
TABLE_HEADER=gpsTableHeader)
los_az_el = losAzElFromLosLatLon(gps_data)
gps_data.field04 = los_az_el[*,0]
gps_data.field03 = los_az_el[*,1]
```

Does anything stand out to anyone out there? I appreciate the help.
