
Subject: diferent results in program and envi

Posted by skymaxwell@gmail.com on Wed, 01 Aug 2007 08:58:08 GMT

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Hello. I have some images and some GCP for each. I georeferenced some of them by ENVI.

now i want to do this by program. But my results are different. Why ?

Here is fragment of my source code

```
.....  
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```

```
...
```

```
pts0=[[geo_points[0,0],geo_points[1,0],0.0,0.0],$  
      [geo_points[0,1],geo_points[1,1],ns-1,0.0],$  
      [geo_points[0,2],geo_points[1,2],0.0,nl-1],$  
      [geo_points[0,3],geo_points[1,3],ns-1,nl-1],$  
print,'pts0'  
print,pts0
```

```
;units=ENVI_TRANSLATE_PROJECTION_UNITS('Degrees')  
proj=ENVI_PROJ_CREATE(/GEOGRAPHIC)  
pixel_size=[0.00011710,0.00009006]  
;proj=ENVI_PROJ_CREATE(/UTM,ZONE=UTM_Zone,DATUM='WGS-84')
```

```
ENVI_DOIT,'ENVI_REGISTER_DOIT',$  
W_FID=fid,$  
W_POS=pos,$  
W_DIMS=dims,$  
METHOD=5,$  
PIXEL_SIZE=pixel_size,$  
PTS=pts0,$  
PROJ=proj,$  
R_FID=r_fid,$  
OUT_NAME='D:\pts0',$  
OUT_BNAME='my transform'
```

```
.....  
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
```

and another question how define pixel size by my program?

Thanks
