
Subject: RSI ENVI listserv

Posted by [Jonathan Greenberg](#) on Thu, 08 Jan 2004 20:52:41 GMT

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Please forward this to anyone who might be interested:

We have created a listserv to facilitate discussion about Research Systems Inc.'s ENVI remote sensing analysis package (<http://www.rsinc.com>). All questions/comments/discussions about the theory and application of this software are welcome.

To subscribe, please send an email to listproc@ucdavis.edu and include in the body of the email:

sub starserv-envi@ucdavis.edu (e.g. "sub starserv John Smith").

To post messages, send an email to starserv-envi@ucdavis.edu. Archives of past discussions can be found at <http://listproc.ucdavis.edu/archives/starserv-envi/>.

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Please make sure you send the unsubscribe request from the same email account you used to subscribe, otherwise you won't be taken off the mailing list.

This list is run by the Center for Spatial Technologies and Remote Sensing (CSTARS) laboratory at the University of California, Davis. For information on our lab, please visit <http://www.cstars.ucdavis.edu>. Any questions about the listserv or our website, please direct to www@cstars.ucdavis.edu.

Subject: Re: RSI ENVI listserv

Posted by [AliSoomro](#) on Mon, 09 Jun 2014 18:27:05 GMT

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PRO My_practice

```
compile_opt idl2
envi, /restore_base_save_files
envi_batch_init, log_file='batch.txt'
```

```
Fname='E:\Aly\LST\Night\MOD11_L2.A2013175.1620.005.201317609 2754.hdf'
```

```
ENVI_OPEN_DATA_FILE, Fname, /HDF_SD , HDFSD_DATASET=2, R_FID=fid
```

```

; Get dimensions of input image
envi_file_query, fid, ns=ns, nl=nl, nb=nb,dims=dims
pos = lindgen(nb)

;GPS points and pixel location:
pts = [[583695.9901, 7911358.9359, 720.00, 514.00], $
[582018.7661, 7914627.4129, 638.00, 365.00], $
[578079.7761, 7910047.9329, 465.00, 582.00], $
[578374.0861, 7909281.7329, 478.00, 623.00], $
[583118.377, 7911923.053, 688.00, 487.00], $
[581074.1161, 7913623.7529, 599.00, 414.00], $
[577392.7161, 7908451.1629, 433.00, 660.00]]

units = ENVI_TRANSLATE_PROJECTION_UNITS('Meters')
datum = 'WGS-84'
;
; Create the UTM projection
;
Proj = ENVI_PROJ_CREATE(/utm, zone=43, $
datum=datum, units=units)
pixel_size = [30., 30.]

; Perform the image-to-map registration.
envi_doit, 'envi_register_doit', $
w_fid=fid, w_pos=pos, w_dims=dims, $
method=7, /envi_output_to_external_format, /TIFF, out_name='E:\Aly\georeferenced by
idl/test1.tif', $
pts=pts, pixel_size=pixel_size, $
proj=proj, r_fid=use_fileID

ENVI_batch_exit

END

```

This program perfectly works, but due to pts values geo-referencing is incorrect, pls help me?

alisoomro66@yahoo.com
