
Subject: Re: Batch ENVI Resize Data (Spatial/Spectral)

Posted by [titan](#) on Fri, 04 Jun 2010 15:35:15 GMT

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Ah ok..now I understand but It seems that it doesn't work like the tab does

this is my code:

```
;; OPEN THE BIGGER IMAGE
```

```
ENVI_OPEN_FILE, AMSRE_asc_fname, R_FID=amsre_asc_r_fid, /
```

```
NO_INTERACTIVE_QUERY,/NO_REALIZE
```

```
ENVI_FILE_QUERY,amsre_asc_r_fid, DIMS=amsre_asc_dims, NS=amsre_asc_ns,
```

```
NL=amsre_asc_ni, NB=amsre_asc_nb
```

```
AMSRE_asc_img=ENVI_GET_DATA(FID=amsre_asc_r_fid,DIMS=amsre_asc_dims,  
POS=0)
```

```
AMSRE_asc_map_info=ENVI_GET_MAP_INFO(FID=amsre_asc_r_fid)
```

```
AMSRE_asc_proj=ENVI_GET_PROJECTION(FID=amsre_asc_r_fid,PIXEL  
_SIZE=amsre_asc_ps)
```

```
output_pixel_size=[1000.000, 1000.000];
```

I want to resize the image where there is Italy; I did a first test using matrix inserting the sample and lines values obtained using the RESIZE tab function but the result is not correct because I find an image of 54x52x1 while using the tab resize function the file that I get is 1304x1278

```
;;----- Test using matrix: -----
```

```
AMSRE_italy=AMSRE_asc_img[715:768,72:123]
```

```
mc_italy_proj=[0.0D,0.0D,589086.84,5564990.5]
```

```
output_italy_proj = ENVI_MAP_INFO_CREATE(PROJ=AMSRE_asc_proj,
```

```
PS=output_pixel_size, MC=mc_italy_proj)
```

```
ENVI_ENTER_DATA,
```

```
AMSRE_italy,MAP_INFO=output_italy_proj,PIXEL_SIZE=output_pixel_size,$  
BNAMES='AMSRE_Italy',R_FID=amsre_italy_r_fid
```

```
;;-----
```

```
italia_dims=LONG([-1,0,1303,0,1277])
```

```
italy_r_fact=[1.0,1.0]
```

```
ENVI_DOIT, 'RESIZE_DOIT', FID=amsre_asc_r_fid, DIMS=italia_dims,
```

```
POS=0,$
```

```
INTERP=0, RFACT=italy_r_fact, /IN_MEMORY,
```

```
R_FID=italy_resize_r_fid
```

Using the RESIZE DOIT how can I tell ENVI to take only the part that I need obtaining a file of 1304x1278??

I hope that I'm clear..

thank you
