
Subject: Re: How to spatial subset files by ENVI vector file (EVF) or other shapefile ?

Posted by [d.poreh](#) on Mon, 17 Dec 2007 13:22:56 GMT

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On Dec 17, 1:58 pm, Lucia <luca...@gmail.com> wrote:

> I can spatial subset files by EVF in ENVI, but I need to do it by IDL.

i did not understand exactly your problem but just:

1- save your EVF file to .shp file (it is easy in ENVI)

2- see this article from David: http://www.dfanning.com/map_tips/shapefile.html

cheers

Dav

Subject: Re: How to spatial subset files by ENVI vector file (EVF) or other shapefile ?

Posted by [wita](#) on Mon, 17 Dec 2007 14:01:37 GMT

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On Dec 17, 1:58 pm, Lucia <luca...@gmail.com> wrote:

> I can spatial subset files by EVF in ENVI, but I need to do it by IDL.

Dear Lucia,

I have never tested this, but it seems to me that you need to use
ENVI_GET_ROI_DIMS_PTR to get the dimensions pointer for the ROI.

So you basically carry out the following steps:

```
roi_ids = envi_get_roi_ids(fid = fid)
```

```
dims = [envi_get_roi_dims_ptr(roi_ids[0]), 0, 0, 0, 0]
```

```
data = envi_get_data(fid=fid, dims=dims)
```

then you can write the data to a file and set up an ENVI header file
for it. I haven't figured out how to find the map coordinates for the
selected subset but I guess the ENVI manual will give a clue
somewhere.

with best regards,

Allard
