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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

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