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

View Forum Message <> Reply to Message

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

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

i did not understand exatly you'r problem but just:

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

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

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

View Forum Message <> Reply to Message

On Dec 17, 1:58 pm, Lucia < lucia...@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