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Subject: Re: [IDL 6.2 with ENVI 4.2] is-it possible to extract multiple profiles on multiple images from shape files

Posted by [Jean H.](#) on Thu, 20 Aug 2009 16:32:48 GMT

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yoann06 wrote:

> dear members,  
>  
> I am a new member of this group, I come from france, and I am a new  
> user of IDL too.  
>  
> firstly, I would like to say hello to everyone, and thanks those who  
> are going to help me.  
> I have a problem with a program I try to make without any solution for  
> me.  
> I have 5 profiles in ".shape" format (that I can convert to .evf  
> without any problem), and I have 16 images. what I want to do is to  
> extract all the values along each profile in each images. I tried with  
> the "PROFILE" function in IDL but I can't use the profil that I  
> already have in my possession.  
> my question is does anyone already make this kind of task and if yes  
> could you give to me some advises to reach my goal.  
>  
> thanks a lot  
> best regards  
> yoann

Hi,

If you want to do it by hand, follow this (from the help file):

#### Creating a Transect from Polyline Vectors

You can use polyline vectors from the Available Vectors List with the Spatial Profile tool. Polygon and point vectors are not accepted. To create a transect from vectors opened in ENVI, do the following.

Vector. The Import Vector Layers dialog appears. This dialog contains the following items:

Select one or more vector layers to select them for import.

Click OK. ENVI converts the polylines individually into a transect. The transects produce spatial profiles listed in the Extracted Profiles section of the Spatial Profile Tool. The resulting spatial profiles display individually in new plot windows.

Jean

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