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Subject: Re: Refine a vector layer in ENVI  
Posted by [cpadwick](#) on Fri, 16 Jun 2006 15:37:01 GMT  
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I'm wondering if it's something specific to either the shapefile or the Landsat image. Can you find out the projection info for both files you are using?

Chris

Jenny wrote:

> Hi Chris,

>

> Thanks for your reply. I'm using ENVI 4.2 too. I just repeated what you  
> tried and the vector is fine like you said, the nodes didn't move. I'm  
> wondering if it has something to do with my old shapefiles. I'll try  
> more and keep you posted.

>

> Regards,

> Jenny

>

> [cpadwick@ittvis.com](mailto:cpadwick@ittvis.com) wrote:

>> Hi Jenny,

>>

>> I just tried a test with ENVI 4.2 and was not able to repeat the  
>> behavior you described. Here's what I tried:

>>

>> -open bhtmref.img in the default data directory

>> -display it

>> -click Overlay->Vectors. Vector parameters comes up

>> -click File->Create New Layer. Choose layer name and output file,

>> click ok.

>> -Available Vectors List comes up. Load the new layer into the display.

>> -in the Vector Parameters Dialog, click Mode->Add New Vectors

>> -draw some polygons on the screen and save them

>> -Click Mode->Edit Existing Vectors

>> -select a vector and move its nodes around. When finished right

>> click->Accept Changes

>>

>> The nodes stay where I placed them, and I don't notice any movement

>> like you described. What version of ENVI are you working with?

>>

>> Chris

>>

>>

>>

>>

>>

>> Jenny wrote:

>>> I've come across the following problems several times, and I'm  
>>> wondering if somebody know a way to fix it. I have shapefiles of lakes  
>>> in a region, which was produced about 40 years ago. When I overlay the  
>>> lake shapefiles to a recent Landsat image, the shapefiles do not  
>>> outline the lakes exactly for the area of the lakes have changed over  
>>> the years. So I want to edit the vector layer to make it fit the  
>>> outline of the lakes in my Landsat image. This doesn't seem to be  
>>> difficult using the Vector Parameters dialog in ENVI (Mode/Edit  
>>> existing vectors). However, when I drag the nodes to move them in the  
>>> desired location in the right side of the vector layer, the whole  
>>> vector (or the left side of it) moves too! When I fixed all the  
>>> problems in the right side and saved it to the layer, and start  
>>> editing the left side, the right side of the vector layer moves again  
>>> with each editing. Thus I can never make it fix a whole lake.  
>>>  
>>> Does anybody have similar experience? Or is this a bug?  
>>>  
>>> Thanks,  
>>> Jenny

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