
Subject: Re: EVF in Lat/Lon projection shifted when overlaying to other images
Posted by [Jean H.](#) on Mon, 21 Apr 2008 17:40:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

Jenny wrote:

- > Hi, I created a polyline vector in Lat/Lon coordinates with
- > create_new_evf_file as shown in the example in ENVI. However, when I
- > apply this evf to images in other projections (not lat/lon), the
- > location shifted.

what is the shift? a few meters? kilometers? thousands km?

Have you used the proper datum in your long/lat? Are you sure the coordinates are around -52 to -130 (Canada) and not +52 to +130..

Jean

PS: is there a big team at EC working with IDL and Envi??? ... I would definitely be interested!!!

- I'm wondering is it possible to create a vector file
- > and apply it to different projected images? I thought it must be
 - > possible, but don't know why it doesn't work. Can you give me a hint?
 - > what projection should I use to create the EVF file? or what could be
 - > the problem?
 - >
 - > Thank you in advance,
 - > Jenny

Subject: Re: EVF in Lat/Lon projection shifted when overlaying to other images
Posted by envi35@yahoo.ca on Mon, 21 Apr 2008 17:54:51 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Apr 21, 1:22 pm, Jenny <env...@yahoo.ca> wrote:

- > Hi, I created a polyline vector in Lat/Lon coordinates with
- > create_new_evf_file as shown in the example in ENVI. However, when I
- > apply this evf to images in other projections (not lat/lon), the
- > location shifted. I'm wondering is it possible to create a vector file
- > and apply it to different projected images? I thought it must be
- > possible, but don't know why it doesn't work. Can you give me a hint?
- > what projection should I use to create the EVF file? or what could be
- > the problem?
- >
- > Thank you in advance,
- > Jenny

I just found there is a mistake in the projection of the image I used for reference! Thanks if you're looking

Jenny
