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Subject: Re: ENVI - Output to external format - seem to be losing georeferencing  
Posted by [Barry Lesht](#) on Mon, 27 Nov 2006 16:57:59 GMT

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Thanks, Tian. It sounds like you've had the same problem. So far we've used the work-around you describe - we open the ENVI file in Imagine and reproject the image. It works, but its not how things should work (in theory).

Barry

tianyf@gmail.com wrote:

> ERDAS Imagine can open ENVI files (ENVI \*.HDR). Or you can use Import  
> module to convert it into ERDAS .img format. However, the projection  
> information is not correct, and I must edit them manually each time.  
>  
>  
> Tian  
>  
>  
> Barry Lesht wrote:  
>> I have an ENVI image file that is correctly georeferenced in a specific  
>> projection. I want to send the file to someone who uses ERDAS Imagine  
>> for analysis. Working in batch mode (there a many such files), I use  
>> the simple statement to produce the Imagine file.  
>>  
>> ENVI\_OUTPUT\_TO\_EXTERNAL\_FORMAT, FID=sub\_FID, DIMS=subDIMS,  
>> OUT\_NAME=imagineName, POS=LIndGen(nbMap), /IMAGINE  
>>  
>> The problem I have is that the georeferencing in the new file  
>> (imagineName) appears to be incorrect. When I open the file in ENVI  
>> using Open External File I find that the right bands are present and  
>> correctly named, the image is the right size, the projection type and  
>> datum are correct, the UL map locations (in meters because my ouput  
>> projection is Lambert Conformal Conic) are the same, but the geographic  
>> locations (expressed as lat/lon) in the Imagine file are wildly  
>> incorrect.  
>>  
>> I don't understand why this happens. I'd appreciate an explanation and  
>> some ideas for correcting the problem.  
>>  
>> Thanks.

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