
Subject: ENVI - Output to external format - seem to be losing georeferencing

Posted by [Barry Lesht](#) on Sun, 26 Nov 2006 22:08:57 GMT

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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 are 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=imageName, POS=LIndGen(nbMap), /IMAGINE
```

The problem I have is that the georeferencing in the new file (imageName) 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 output 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.
