
Subject: Band+Lat+Lon = georeferenced file?

Posted by [wilfrid](#) on Mon, 23 Feb 2009 21:28:21 GMT

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Time and again I come back to the same situation where I have a bunch of satellite images with lat&lon values for each pixel and I need to create ENVI standard files (i.e., data file+header) or some other easy to handle file (e.g. geotiff) that I can manipulate with GIS softwares. My input data correspond to at-satellite data (swath data) - and it can come from geostationary or polar orbiters. Using ENVI_REGISTER_DOIT I get relatively large errors when I know the pixels are pretty well navigated (I'm using MODIS data). I assume the problem might be linked to my use of ENVI_PROJ_CREATE which I have set to (/geographic). Using Imagemap (written by Liam Gumley some years ago) I managed to display the data just fine (map outlines properly located) but I could not create a file with projection information out of that. This has consumed my weekend and now I feel like asking around as I am pretty sure this is one of those basic operations many of you might have attempted before.

Thanks in advance!
