
Subject: problems with ENVI orthorectification

Posted by [Tom Wassenaar](#) on Wed, 12 Aug 1998 07:00:00 GMT

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The new ENVI service pack (3.0b) improved the orthorectification of aerial photos. Unfortunately, I still encounter serious problems rectifying my scanned 35mm film (recorded at 35 mm focal distance). The result looks like some radial dilatation with only the image center being well referenced. Coordinates of image locations do not correspond to the coordinates entered for these points as GCPs.

Has anybody encountered such effects? Any idea whether this may be related to the unorthodox fiducial point locations (image corners)?

One other thing: the coarse cell size of my DEM results in square blocks of image cells in the rectified image. There seems to be a slight shift between groups of pixels, even if the different underlying DEM cell values are equal. can this be avoided?

Thanks, Tom

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