
Subject: Re: Need help with map projection conversion in ENVI

Posted by [BLesht](#) on Tue, 25 Jan 2011 21:42:02 GMT

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

On Jan 25, 6:46 am, Allard de Wit <allard.de...@wur.nl> wrote:

> Dear Barry,
>
> The approach to be used is first to georeference
> the image in its original projection (the Mercator
> projection) which indeed needs the tie point
> (image row/column number with given lat/lon) and
> the pixel size which is in decimal degrees for
> the Mercator projection. The latter means that
> although coordinates between the pixels step with
> equal degrees, the real pixel size (in m2)
> changes with latitude. Also you need to
> associate the Mercator project with your image.
>
> After having georeferenced the image you can
> check for correctness by overlaying the
> coastlines (see "create World boundaries").
> Converting to a geographic project should then be
> easy.
>
> I would have to look into it to see how this should
> be done from the ENVI API, but in general your
> approach seems OK. Anyway, I would first test
> it from within the ENVI interface.
>
> Allard

Thanks, Allard. I will try that (again). I appreciate your suggestion. Barry
