
Subject: Re: diferent results in program and envi
Posted by [Jean H.](#) on Wed, 01 Aug 2007 19:24:36 GMT
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skymaxwell@gmail.com wrote:

> first question is closed ;)
> now it's works
>
> second question about getting pixel size in program still active :(
>
>
>
>> Second question, yes you are right
>> i define pixel size in my program from ENVI GUI
>> how get pixel size WITHOUT ENVI GUI ?

Well, if your image is georeferenced, you can do
$$\text{pixSizeX} = (\text{max}(\text{coord X}) - \text{min}(\text{coord X})) / \text{nb of Pixels in the X direction}$$

...if your image is not georeferenced, you would have to find it by other means... the best one is probably the metadata of your image / sensor! ... otherwise, to ESTIMATE it, you would need to identify two features on your image and you would have to know their exact coordinate or at least the distance between the 2 features. ... then you need to find the number of pixels in the X and Y direction between the two features... make sure to consider fractions of pixels! ... and you apply the same idea as if your image was georeferenced..

Hope that helps!

Jean
