
Subject: Re: subset an image by roi in idl

Posted by [Jean H.](#) on Fri, 29 Sep 2006 17:34:22 GMT

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```
> ;Prepare the subset dimensions
> dims[0]=-1L
> dims[1]=min(xf)-1
> dims[2]=max(xf)-1
> dims[3]=min(yf)-1
> dims[4]=max(yf)-1
```

Do not do the -1 here.

Envi_convert_file_coordinates already returns the pixel locations starting at 0 and therefore doing -1 induces a shift of 1 pixel in the subseted image.

This method only returns rectangular subset. You might want to mask the pixels outside of your polygon.

Jean H.
