
Subject: Re: Subset Image

Posted by [steffenfr](#) on Fri, 16 Sep 2005 12:08:34 GMT

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Hi! when you read a file in e.g. a tiff: `READ_TIFF( )` it has a keyword `SUB_RECT`, with that you can specify a subset, not sure if this is what you need...

Subject: Re: Subset Image

Posted by [Julio\[1\]](#) on Fri, 16 Sep 2005 17:29:22 GMT

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Hi,

I want to subset the image using ROIs. I can't use `SUB_RECT` because I don't know the limits (columns, rows) of each subset (it is specified by ROIs).

Thanks at any rate,

Julio

Subject: Re: Subset Image

Posted by [Jeff N.](#) on Sat, 17 Sep 2005 01:32:34 GMT

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The 'subset via ROI' function in ENVI sets every pixel outside of the ROI to zero right? There are actually lots of ways to do this with IDL. The answer really depends on your ROI. If your ROI is rectangular, you can do it with array subscripting. If your ROI is an irregular shape, you would probably use the `WHERE()` function. Are you planning to draw the ROI's with IDL too? If so, you might try `XROI`.

Jeff

Julio wrote:

> Hi,

>

> I want to subset the image using ROIs. I can't use `SUB_RECT` because I

> don't know the limits (columns, rows) of each subset (it is specified

> by ROIs).

> Thanks at any rate,

> Julio
