
Subject: Re: Get values from one image according to pixel locations of maxima on another image

Posted by [Jeremy Bailin](#) on Mon, 24 Dec 2012 03:58:16 GMT

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On 12/21/12 9:05 AM, Dry in water wrote:

> Hello all

>

> I have two tiff images (named A and B). Both have 7 layers at the same dimension (4169,6289,7). First I'd like to find location of max value in A image and then I need to get the values (not max values, real values) of B image in matrix dimension (4169, 6289) according to location of max value which found from A image in previous step. I just wrote next code to achieve this purpose. Then I wrote output tiff image. But when I display this tiff image, whole screen is black. Can you tell me what's wrong with this code?

> A_max_loc=MAX(A,INDEX,DIMENSION=3)

> B_val=B[INDEX]

> write_tiff,'D:\Output_IDL\B_val_2000.TIF',B_val

>

> Thank you so much

>

There's nothing obviously wrong in the code. Might there be NaNs in A? I would suggest taking a small (3x4) corner of the image and examining the values of A, B, and B_val to see if it appears to be doing what you expect.

-Jeremy.
