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Subject: please help with ndvi calculation  
Posted by [beardown911](#) on Fri, 02 Mar 2007 05:09:06 GMT  
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Hello all,

I am new in idl programming, and have been trying to figure out to write a simple code to calculate ndvi.

Here is what I've done, but gave weird value.

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```
pro ndvi
image = read_tiff ('/rsi/idl62/training/data/image.tif')
help, image

sub = float(image[0,:,:]-image[1,:,:])
sum = float(image[0,:,:]+image[1,:,:])

ndvi_image = sub / sum

write_tiff, '/rsi/idl62/training/data/ndvi_test.tif', ndvi_image
end
```

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The image.tif have three bands(nir, red, green) 8 bit image.  
The resulting ndvi image is still integer and values are totally wrong.  
Could anybody help me to fix this?

Thank you,  
Phil

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