
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.

```
-----  
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
```

```
-----  
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
