
Subject: Image proceesing in IDL

Posted by [arun](#) on Fri, 13 Jun 2008 17:28:47 GMT

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Hi,

I have a tiff image of the dimesion 3000 x 3000 which is actually a gray scale image.I want to calculate the amount of soil,water and air present in the image.I tried using histogram to apply threshold but its not working fine.Can anyone suggest me how to do it.I am an invoice so any help would be appreciated.Below is the code which i have used.

```
nPixels = n_elements(rotatelm)
```

```
soilSubscripts = where(rotatelm ge 24000 and rotatelm lt 30000,  
nSoilPixels)
```

```
percentSoil = float(nSoilPixels) / nPixels
```

```
waterSubscripts = where(rotatelm ge 18000 and rotatelm lt 23000,  
nWaterPixels)
```

```
percentWater = float(nWaterPixels) / nPixels
```

```
PRINT, percentSoil  
PRINT, percentWater
```

With Regards
Arun
