
Subject: Re: Help with code for hyperspectral image analysis

Posted by [Klemen](#) on Wed, 20 Jun 2012 17:57:06 GMT

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Try this, I didn't test it...

Cheers, Klemen

```
pro envi_masking_image
```

```
;select your image file
```

```
;Get your file
```

```
image=dialog_pickfile()
```

```
;check to see if valid for ENVI
```

```
envi_open_file, image, r_fid=fid
```

```
;learn about the image
```

```
ENVI_FILE_QUERY, fid, ns=ns, nl=nl, nb=nb, data_type=data_type
```

```
help, data_type
```

```
;build array based on data type
```

```
data_holder=intarr(ns, nb, nl)
```

```
;make a mask
```

```
f = ENVI_GET_DATA(fid=fid, dims=dims, pos=140)
```

```
indx = where(f LT 40, count)
```

```
;applay the mask to all bands
```

```
if count gt 0 then begin
```

```
  for i=0,nb-1 do begin
```

```
    f = ENVI_GET_DATA(fid=fid, dims=dims, pos=i
```

```
    f[indx] = 0
```

```
    data_holder[* ,i,*] = f
```

```
  endfor
```

```
endif
```

```
;write out the result as an envi file
```

```
envi_write_envi_file, data_holder, out_name='masktest'
```

```
end
```
