
Subject: Overlaying continent outlines over cgimage?

Posted by [Lisa08](#) on Mon, 04 Mar 2013 23:30:25 GMT

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Hi everyone,

I am pretty new to mapping in IDL and have not been able to plot continent outlines (or a transparent image of the continents) over an image of data. It always gets overwritten. I have a mask of cloud data of size:

```
cloud_mask=Byte[3000,1800]
```

where the values of the variable are 0 and 1 (0=no cloud , 1=cloud was detected).

I want to plot this mask of data and then overlay continent outlines over it. So far, what I have tried to plot the variable is:

```
cgimage, cloud_mask ;which plots the image of data
```

Then, I thought I could use something like this to plot continents over it:

```
cgMap_Set, /Mercator
```

```
cgMap_Continents, /Coasts, Color='white'
```

However, since the cgimage command has an overplot keyword I tried to do it backwards (plot the continents first and then overlay the cloud_mask data over it) but it always gets overwritten.

Is this possible or is there something better than cgimage to try to do what I want? Any suggestions on how I can try to do this?

Any help would be greatly appreciated!

Thanks.
