Subject: Re: Overlaying where data
Posted by jtmcahill on Fri, 25 Jan 2008 19:53:38 GMT
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On Jan 25, 8:52 am, David Fanning <n...@dfanning.com> wrote:
> jtmcah...@gmail.com writes:
>> Great! Thanks! I had to download your library to get some of the
>> functions of tvlct to work but it works great. Now, I might be
>> pushing my luck here, but each data area has a range of values as
>> well. Basically, I modeled a multispectral image array and the areas
>> I'm highlighting have results of my modeling. If I want to, can I
>> overlay a false colored tvscl image in a similar manner?
>
> I don't understand the question, but I'm sure the answer
> is "yes", you can do whatever you like with IDL. :-)
>
> I don't know what "overlay a false colored tvscl image
> in a similar manner" means in the context of the discussion
> so far. Can you elaborate?
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Ok, let's see if I can explain this more clearly. First, I display the original image in tvscl. Then, I've got a second array that I've determined the % of a given mineral per pixel (say from 0 to 1 or 0 to 100 either way you want to look at it). I can tvscl the % mineralogy no problem in a window on its own (colored or grey scale). But what I'd like to do is to overlay the original image that is tvscl, with another tvscl (which is the % mineralogy) without effecting the original image. So, it is similar to highlighting the area of the image that fit my criteria (like above), but now I'd like it to visually show the areas with a higher and lower % of that mineral as well. The first image would be grey scale, the second overlayed image probably in color. You may think that the entire image would be colored, but no. Because I've already picked out pixels that fit another geochemical criteria first. So, I only have ~20% of the original image to cover. If I display the second image alone, the observer has no context for what they are looking at. But, if I over lay it on the first image, that will provide the context. That's what I'm shooting for.

Mahalo,
Josh