Subject: Homogenity Analysis of two raster datasets with different resolution - Need some advice
Posted by Carl Bernatzki on Wed, 09 Oct 2013 02:30:22 GMT
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Hello!

I am little desperate cause I have to do something difficult (for me) for my work. I know about the absolute basics in IDL but now I have to do something which I can't solve by my own and I hope I can find someone here who can give me some hints or send me some good sources/tutorial in the net cause I did not find many.

What I have to do:

I have to make a homogenity analysis of two raster datasets. For this I have to create a graphic overview, which compares the one raster data set (coarse resolution) with the other raster dataset (lower resolution). The results of this comparison have to be presented graphically.

I have problems finding some sources to this via the internet and my IDL book isn't helping me too. But I am sure there is something to find and I ask you to forward me to this pages/tutorials/whatever :-)

I dont want you to do my work cause I really want to learn it. So ist just ask for some good sources. Every help is appreciated! :-)

Greetings
Carl

Subject: Re: Homogenity Analysis of two raster datasets with different resolution - Need some advice
Posted by David Fanning on Thu, 10 Oct 2013 13:49:49 GMT
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Carl Bernatzki writes:

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Make your two images the same size. Then subtract them. Then display the subtracted image (after scaling it properly with BytScl and the appropriate Min and Max keywords) with a two-color diverging color table.

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Homogenity Analysis of two raster datasets with different resolution - Need some advice
Posted by Carl Bernatzki on Sat, 12 Oct 2013 22:21:24 GMT
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Am Donnerstag, 10. Oktober 2013 15:49:49 UTC+2 schrieb David Fanning:
> Carl Bernatzki writes:
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> David Fanning, Ph.D.
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> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hello David,

thank you very much for your help!
Sounds easier than it really is for me. I hope I can do it. I will try it.
And I am still hoping I find some step by step tutorial for this in the web, in the case that I cant solve it by my own.

Greetings
Carl

Subject: Re: Homogenity Analysis of two raster datasets with different resolution - Need some advice
Posted by David Fanning on Sun, 13 Oct 2013 00:55:25 GMT
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Carl Bernatzki writes:

> Sounds easier than it really is for me. I hope I can do it. I will try it.
> And I am still hoping I find some step by step tutorial for this in the web, in the case that I cant solve it by my own.

Well, I don't want to sound mean, but if you can't figure out how to subtract two images in IDL, you really need something other than a programming language to work with. I'm not sure what to suggest, except maybe consider becoming a Jungian psychologist. I hear they make good money. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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