
Subject: Need help in IDLgrSurface and vertical exaggeration
Posted by [raval.chintan](#) on Thu, 16 Mar 2006 09:51:40 GMT
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Hello,

I am facing some problems with surface object in IDL.

I have DEM Data for ALPS mountain range which I want to visualize as a surface and do a flythrough.

Data dimensions are 800x800
Pixel resolution is of 25 meters
Minimum height in the data set is 0 meters
Maximum height is 3500 meters.

I have been able to create the surface out of this dataset but I do not get the proper depth perception.

I have even set the projection property to 2 but the mountains certainly do not seem to be much of mountains.

I want to have a good depth perception with out giving any vertical exaggeration That is at vertical exaggeration of one.

Can any one point out how this can be done?

There is also another question how do I calculate the vertical exaggeration from a given data?

Thanks in Advance.

Regards,
Chintan
