Subject: Re: Display of topo map in MAP routines.
Posted by Kenneth P. Bowman on Tue, 22 Sep 2009 20:41:10 GMT

In article <h9b1dmkse1@news.woc.noaa.gov>,
 Paul van Delst <paul.vandelst@noaa.gov> wrote:

> Hello,
>
> I'm sure this question has come up before (I did a quick search of David Fanning's tips
> but didn't immediately see anything). Apologies in advance for being a bit lazy....
>
> Can someone outline (real quick) the steps needed to display a topo map in the background
> of a map projection? Other point data will be overplotted over this background.
>
> Does a DEM file come with IDL, or do I need to visit the USGS?
>
> Thanks for any info/help.
>
> cheers,
>
> paulv

If you go to my downloads page

   http://idl.tamu.edu/Downloads.html

and download my library

   http://csrp.tamu.edu/downloads/idl/bowman_lib.zip

it includes some routines to read your choice of two different
global topography databases. (They are included in the download.)

These data are on 5-minute and 10-minute lat-lon grids, and may
not have the resolution that you need.

There is also a land-ocean data base with associated access routines.

Plot the maps and then fire away with PLOTS.

Cheers, Ken Bowman