
Subject: Re: DEM GTOPO30

Posted by [jeanh](#) on Tue, 01 Jun 2010 14:37:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 01/06/2010 9:56 AM, nata wrote:

> Dear All,

>

> I'm trying to read some digital elevation models (GTOPO30) from

> http://eros.usgs.gov/Find_Data/Products_and_Data_Available/gtopo30_info.

>

> I was wondering if anyone have any IDL routines for working with the

> vector and raster data formats...

>

> Thanks a lot !

>

> nata

Hi,

a few years ago, the simplest way was to convert the dem to xyz triplets, then to read this into IDL. (I just had to load the files once, it might be different if you want to interactively select the files etc).

I was using the tool from <http://data.geocomm.com/dem/dem2xyzn/> (the 2nd one, NOT sdts2dem.exe).

In IDL, I wrote a program to convert the DEM filenames to DOS compatible names (required by the tool). Then I wrote another program to create the command for the tool (input, output and write random character to answer the question "press any key to continue"), in a loop (for every DEM input) and spawn dem2xyzn.exe with the command (spawn, 'dem2xyzn < dem2xyz_command.txt')

Jean
