
Subject: Re: trying to find land/water coverage maps for NA
Posted by [David Fanning](#) on Thu, 03 Jun 2010 02:59:00 GMT
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nata writes:

- > Does anyone know where I can find data for land or water coverage ? I
- > just want to draw the topography in a good way. For North America will
- > be OK.

I've always found the GSHHS Shoreline Database to be excellent for water (and land, for that matter). Although, I see they have version 2.0.x out now, and they have changed the header size YET AGAIN!!! It makes it very difficult to keep up. I've modified my copy at work, but haven't yet updated my web page versions. If you decide to go this route, let me know, and I'll move this up a bit in priority.

http://www.dfanning.com/map_tips/gshhs.html

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.")

Subject: Re: trying to find land/water coverage maps for NA
Posted by [rogass](#) on Thu, 03 Jun 2010 21:05:46 GMT
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On 3 Jun., 04:08, nata <bernat.puigdomen...@gmail.com> wrote:

- > Hi guys,
- >
- > This week I started working with digital elevation maps (GTOPO30)
- > from http://eros.usgs.gov/#/Find_Data/Products_and_Data_Available/gtopo30_....
- >
- > After reading the files I can draw the topography using the Wikipedia
- > topography palette: <http://soliton.vm.bytemark.co.uk/pub/cpt-city/wkp/template/tn/wiki-2....>
- >
- > The problem I have right now is that I can't recognise the lakes and
- > the rivers because I don't know the land/water coverage. <http://eros.usgs.gov/>
- > provides HYDRO1k data; Compound Topographic Indexes, Slope, Flow

> direction, etc. From these data I can't retrieve the lat/lon pixels
> containing water so I don't know how to go on...
>
> Does anyone know where I can find data for land or water coverage ? I
> just want to draw the topography in a good way. For North America will
> be OK.
>
> Thank you in advance,
> Bernat

You can also use the CIA Worldmap which is included in the ENVI sample data (as far as i know) and which will help you to separate water bodies from land surface.

Regards
CR
