Subject: Re: Get Latitude and Longitude from Tiff files
Posted by David Fanning on Wed, 27 Jun 2007 03:33:50 GMT
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Lucia writes:

> I wonder how to get latitude and longitude of each point of the files
> (such as tiff format) that have already included detailed projection
> parameters.

I presume you mean a GEOTiff file, not just a TIFF file.
You can presumably pull the information you need out of
the GeoTiff file itself. Here is an example written for
a slightly different reason that will give you some idea
of how to go about this:

   http://www.dfanning.com/map_tips/geotiffreg.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: Get Latitude and Longitude from Tiff files
Posted by titan on Tue, 03 Jul 2007 08:08:17 GMT
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On Jun 27, 5:33 am, David Fanning <n...@dfanning.com> wrote:
> Lucia writes:
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>> (such as tiff format) that have already included detailed projection
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>
> 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.")

I have the same problem and I tried to follow the example mentioned
before but unfortunately the informations I have are different:
GeoTiff image Structure
** Structure <9d0b28c>, 6 tags, length=140, data length=138, refs=1:
   MODELTRANSFORMATIONTAG
        DOUBLE   Array[4, 4]
   GTMODELTYPEGEOKEY
        INT   2
   GTRASTERTYPEGEOKEY
        INT   1
   GEOGRAPHICTYPEGEOKEY
        INT   4326
   GEOGLINEARUNITSGEOKEY
        INT   9001
   GEOGANGULARUNITSGEOKEY
        INT   9102

In this case are there any possibilities to obtain latitude and
longitude of each point of the GEOtiff image??
Thank you