Subject: Re: How to retrieve the LAT/LON information from HDF-EOS file with SIN projection?

Posted by tianyf_cn on Fri, 02 Jan 2004 02:31:46 GMT

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You can reproject the data into other projections. There are a few
tools at the HDF-EOS tools and information center
(http://hdfeos.gsfc.nasa.gov/). Also, there is a calculator on the
internet which can translate pixel coordiantes into Lat/Lon digits, or
vice versa.

Tian.

hongbo_su@yahoo.com (suhb) wrote in message
news:<506d4427.0312311146.11d0a142@posting.google.com>...
> Hi, there,
>
> I'm processing an HDF-EOS file (MODIS Image). I can get the dimensions
> of the image and read the values of each pixel, but I have difficulty
> to
> get the Lat/Lon information for the pixels.
>
> Anyone has an idea on how to retrieve the coordiantes for each pixel
> from HDF-EOS file using IDL? The image is in SIN projection.
>
> Here is a sample file (Image size 240*240, 17 bands). You can
> download it and have a try (
> http://hydrology.princeton.edu/~hongbosu/hdf.zip).
>
> Thanks,
> Hongbo