Subject: Re: SST data

Posted by David Fanning on Tue, 11 May 2010 13:12:20 GMT

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Nayan Khataniar writes:

> I am trying to get sst data for an area in NW shelf of Western
> Australia. I got the images of the area and have processed them on
> ENVI. I dont have any experience with IDL programming and I have been
> reading through books to help me out but I am stuck now. I have hdf
> files for each month of the year and I would like IDL to give me plots
> of SST vs. Latitude/Longitude. Can any one please help me with it?
> Below is the program I have already started
>
> pro january2009
> hdfid=hdf_sd_start('C:\Documents and Settings\Nayan\My Documents
> \raw_data\2009\February\IMOS-20100505T144046_1851.hdf')
> ;index=hdf_sd_nametoindex(hdfid,'SST')
> varid=hdf_sd_select(hdfid,sst)
> hdf_sd_getdata,varid,data

I think you were on the right track here with
trying to get the index of the variable.

```
  index=hdf_sd_nametoindex(hdfid,'SST')
  varid=hdf_sd_select(hdfid,index)
  hdf_sd_getdata,varid,data
```

If this *doesn't* work, it is probably because
the variable you are looking for is not spelled
as "SST". These variable names are case sensitive.

It might be helpful to browse the file first to
see what is in it. I always use my NCDF_Browser
for this purpose. You can read the variables and
other file information directly from the browser
if you want. The files you need are here:

  http://www.dfanning.com/programs/ncdf_tools.zip

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")