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Subject: Re: SST data

Posted by [d.poreh](#) on Tue, 11 May 2010 10:44:33 GMT

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On May 11, 3:29 am, Nayan Khataniar <naya...@gmail.com> wrote:

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> Hi
> 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
> hdf_sd_endaccess,varid
> ;hdf_sd_end,hdfid
> ;tvcl,data
> index=hdf_sd_nametoindex(hdfid,'lon')
> varid=hdf_sd_getdata,varid,londata
> hdf_sd_endaccess,varid
> hdf_sd_end,hdfid
> print,londata[0],londata[n_elements(londata)-1]
> ;tvsc1,data
> tempvec=data[*,1000,1]
> tempvec=tempvec*0.01
> set_plot,'ps'
> ;device,file='C:\Documents and Settings\Nayan\My Documents\raw_data
> \2009\February\test.ps'
> plot,tempvec,yrange=[0.40],ystyle=1
> ;device,/close
> end
>
> I get an error which says 'HDF_SD_SELECT: Unable to select the HDF-SD
> dataset (HDFID).
> % Execution halted at: JANUARY2009      4 C:\Documents and Settings
> \Nayan\My Documents\raw_data\2009\January\january2009.pro'
>
> ANY HELP WILL BE APPRECIATED.
>
> CHEERS
> NAYAN
```

Use this widget (very easy) [http://www.dfanning.com/fileio\\_tips/ncdf\\_browser.html](http://www.dfanning.com/fileio_tips/ncdf_browser.html)  
for reading HDF files and then read variables in deferent names and ....  
Dave

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