
Subject: SST data

Posted by [Nayan Khataniar](#) on Tue, 11 May 2010 10:29:35 GMT

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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
